

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Andrew Joseph Rudy Examiner #: 7951 Date: 12/4/02
 Art Unit: 3627 Phone Number 308-7808 Serial Number: 09/488527
 Mail Box and Bldg/Room Location: CRS 7A20 Results Format Preferred (circle) PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Method of processing customer's orders and a customer's order processing apparatus
 Inventors (please provide full names): Kasayoshi Iguchi, Hiroyuki Tanaka, Tomoya Inui

Earliest Priority Filing Date: January 28, 1999

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

See attached abstract
 & claims

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>Bocle Akinobu</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>308-6150</u>	AA Sequence (#) _____	Dialog <u>\$968.00</u>
Searcher Location: <u>CRS 8A01</u>	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: <u>12-04-02</u>	Bibliographic _____	Dr.Link _____
Date Completed: <u>12-04-02</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: <u>60 min</u>	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet <u>✓</u>
Online Time: <u>120 min</u>	Other _____	Other (specify) _____

09/488527

ABSTRACT OF THE DISCLOSURE

In a customer's order processing apparatus and method, the CPU stores setting data every article, inputs and stores order data of ordered articles, predicts quantities of the ordered articles in response to a command signal, and displays the quantities every the articles in accordance with the setting data in response to the command signal, so that at the slow time zone, each set of orders are displayed independently in order of time and at the peak time zone, the target number of articles to be prepared are displayed. The command signal for effecting the peak time condition display is generated according to the present time and the peak time zone start time and end time which were inputted or stored. Moreover, the peak time zone start time and end time may be detected according to the number of customers. Moreover, the command signal may be further generated in response to a key switch or a rotary switch. The peak time zone data may be switched between weekdays and holidays. The peak time condition may be judged according to the number of customers. The command signal may be transmitted from the cash register and received by a video controller to effect the peak time zone display operation. The command signal may be generated in accordance with the number of detected customers or the number of the pending orders.

09/488527-012100

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DATE 09-11-2000 BY 60322 UCBAW/AN

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finished and a receipt is provided to the customer.

The kitchen video controller 233 operates the 5 display monitor 234 at the kitchen to display sets of orders in order of time to cooks, wherein, as shown in Fig. 27, a first set of order 271 is displayed at the leftmost of the screen of the display monitor 234, the second set of order 272 is displayed on the right of the first order 271, and the third set of order 273 is displayed on the right of the second set of order 272. The number "0103" represents the order number. For example, "#0103" represents the third set of orders in the electronic cash register 231 having the machine number one. If the first set of orders 271 are received as shown in Fig. 25, the display monitor 234 successively displays two "hamburgers", two "cheeseburgers", one "L size package of fried potato", and three cups of "tea". Cooks in the kitchen prepare the corresponding articles with monitoring the display monitor 234. When cooking has finished, the cook erases the display image of the corresponding set of orders on the display monitor 234.

In the Claims

Please amend 1, 2, 3, 7, 9, 10, 31, 32 and 33 as follows:

1. (Amended) A method of processing customer's orders comprising the steps of:
- (a) storing setting data for every article;
 - (b) inputting ordered articles and storing order data of said ordered articles;
 - (c) predicting quantities of said articles to be prepared in accordance with *said* stored order data in response to a command signal;
 - (d) displaying said quantities of said every article to be prepared at a given time period in accordance with said setting data in response to said command signal at peak time; and
 - (e) displaying respective sets of input ordered articles at non-peak times.

2. (Amended) A method as claimed in claim 1, wherein said step (a) further comprises the step of inputting said setting data for every to be stored article.

3. (Amended) A method as claimed in claim 1, further comprising the steps of:
(f) storing peak time zone data;
(g) detecting the present time; and
(h) judging whether the present time is within a peak time zone in accordance with said stored peak time zone data to generate said command signal.

7. (Amended) A method as claimed in claim 3, further comprising the steps of:
storing a predetermined number;
detecting the number of customers from said order data; and
predicting said peak time zone in accordance with the predetermined number and the detected number of customers in accordance with said predicted peak time zone to generate said peak time zone data so as to be stored in step (f).

9. (Amended) A method as claimed in claim 3, wherein in said step (f), weekday peak time zone data and holiday peak time zone data are stored as said peak time zone data, said method further comprising the steps of:
detecting the present date; and
judging whether the present date is a weekday or a holiday, wherein in step (h), said command signal is generated in accordance with said stored weekday peak time zone data, said stored holiday peak time zone, said present time, and the present date.

10. (Amended) A method as claimed in claim 9, wherein said step (f) further comprises the step of inputting said weekday peak time zone data and holiday peak time zone data so as to be stored.

16. (Amended) A customer's order processing apparatus comprising:
storing means for storing setting data for every article;

~~inputting means for inputting ordered articles and storing order data of said~~
ordered articles;

predicting means for predicting quantities of said articles to be prepared in accordance with said stored order data in response to a command signal; and

display means for displaying said quantities for said every article to be prepared at a given time period in accordance with said setting data in response to said command signal at a peak time, and for displaying respective sets of input ordered articles at non-peak times.

31. (Amended) A method of processing customer's orders comprising the steps of:

(a) inputting and storing data of articles in accordance with orders by customers;

(b) predicting quantities of said ordered articles to be prepared in accordance with said stored data of articles in response to a command signal;

(c) displaying said quantities for every said articles to be prepared at a given time period in accordance with said setting data in response to said command signal; and

(d) displaying respective sets of input ordered articles at time periods other than said given time period.

Please add new claims 32 and 33 as follows:

32. (Newly Added) A method of processing customer's orders comprising the steps of:

(a) storing setting data for every article;

(b) inputting ordered articles and storing order data of said ordered articles;

(c) predicting quantities of said articles to be prepared in response to a command signal generated in accordance with said stored order data inputted for a given time period; and

(d) displaying said quantities for every said articles in accordance with said setting data in response to said command signal.

33. (Newly Added) A customer order processing apparatus comprising:
storing means for storing setting data for every article;

inputting means for inputting ordered articles and storing order data of said ordered articles;

predicting means for predicting quantities of said articles to be prepared in response to a command signal generated in accordance with said stored order data inputted for a given time period; and

display means for displaying said quantities for every said articles in accordance with said setting data in response to said command signal.

Remarks

The following is a response to the Office Action dated October 23, 2001.

In response to the rejection under 35 U.S.C. 112, second paragraph, the at issue claims of pending claims 1-31 have been amended with specific attention paid to the indefiniteness noted by the examiner. Having done so, it is respectfully submitted that claims 1-31 are now devoid of any of the noted indefiniteness problems.

Claims 1-4, 7-8, 11-19, 22-23 and 26-31 were rejected under 35 U.S.C. 102(e) as being anticipated by Savage U.S. patent 6,026,372. Moreover, claims 5-6, 9-10, 22-21 and 24-25 were rejected under 35 U.S.C. 103(a) as being obvious over Savage.

As amended, independent claims 1, 16 and 31 each now feature the displaying of the image as shown for example in Fig. 3 of the instant application when it is not a peak time period, and the image of Fig. 4 when it is a peak time period. Savage does not disclose such separate displays. In other words, Savage does not have the capability of displaying one image at a peak time and another image at a non-peak time.

New claims 32 and 33 each recite that the "command signal" for initiating the prediction of the quantity of articles to be prepared is a command signal, generated for

4. A method as claimed in claim 3, wherein said step of storing peak time zone data further comprising the step of inputting said peak time zone data so as to be stored.

5

5. A method as claimed in claim 1, further comprising the step of:

providing a push switch responsive to an operator for generating said command signal.

10

6. A method as claimed in claim 1, further comprising the step of:

providing a rotary switch for generating said command signal.

15

7. A method as claimed in claim 3, further comprising the steps of:

storing a predetermined number;

detecting the number of customers from said order

20 data; and

predicting said peak time zone in accordance with the predetermined number and the detected number of

customers in accordance with said predicted peak time zone to generate said peak time zone data so as to be stored in

25 step (e).

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8. A method as claimed in claim 7, wherein said step of storing said predetermined number further comprising the step of inputting and storing said predetermined number.

5

9. A method as claimed in claim 3, wherein in said step (e), weekday peak time zone data and holiday peak time zone data is stored as said peak time zone data, said method further comprising the steps of:

10 detecting the present date; and
judging whether the present date is a weekday or a holiday, wherein in step (g), said command signal is generated in accordance with said stored weekday peak time zone data, said stored holiday peak time zone, said present
15 time, and the present date.

10. A method as claimed in claim 9, wherein said step (e) further comprising the step of inputting said weekday peak time zone data and holiday peak time zone data so as to be
20 stored.

11. A method as claimed in claim 1, further comprising the steps of:

storing a reference number;

25 detecting the number of customers; and

to generate said command signal when the detected number of said ordered articles in said pending condition exceeds said predetermined number.

5 15. A method as claimed in claim 14, wherein said step of storing said predetermined number further comprising the step of inputting said predetermined number.

10 16. A customer's order processing apparatus comprising:
storing means for storing setting data every article;
inputting means for inputting ordered articles and
storing order data of said ordered articles;
predicting means for predicting quantities of said
articles to be prepared in accordance with said stored
15 order data in response to a command signal; and
display means for displaying said quantities every
said articles in accordance with said setting data in
response to said command signal.

20 17. A customer's order processing apparatus as claimed in claim 16, wherein said storing means comprises setting data
inputting means for inputting said setting data every
article to store said inputted setting data in said storing
means.

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a 10

18. A customer's order processing apparatus as claimed in claim 16, further comprising:

peak time zone data storing means for storing peak time zone data;

5 detecting means for detecting the present time; and
judging means for judging whether the present time is within a peak time zone to generate said command signal in accordance with said stored peak time zone data and said present time.

10

19. A customer's order processing apparatus as claimed in claim 18, wherein said peak time zone data storing means comprises peak time zone inputting means for inputting said peak time zone data.

15

20. A customer's order processing apparatus as claimed in claim 16, further comprising:

a push switch responsive to an operator for generating said command signal.

20

21. A customer's order processing apparatus as claimed in claim 16, further comprising:

a rotary switch for generating said command signal.

25 22. A customer's order processing apparatus as claimed in

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Set	Items	Description
S1	3798	AU=(TANAKA H OR TANAKA, H? OR IGUCHI K? OR IGUCHI, K?)
S2	2761795	USER? OR BUYER? OR CLIENT? OR CUSTOMER? OR CONSUMER? OR PERSON? ? OR INDIVIDUAL? OR MEMBER? ? OR MERCHANT? OR AGENT? OR TRADER? OR SELLER? OR PARTIES OR PARTY OR DEALER? OR RETAILER?
S3	619521	TRANSACT? OR ORDER? OR TRADING OR TRADE? OR PURCHAS? OR BUYING OR SELLING
S4	214335	(INPUT? OR IN()PUT???? OR ENTER? OR TYPING? OR KEYING) (2N)-(DATA? ? OR INFO OR INFORMATION)
S5	2670529	DISPLAY? OR OUTPUT? OR OUT()PUT
S6	2998877	TIME OR CALENDAR? OR DURATION OR PERIOD? OR DAY? ? OR WEEK-???? OR HOURS OR MINUTES OR HOLIDAY? OR SEASON? ?
S7	51449	FORECAST? OR PREDICT?
S8	1228824	QUANTIT? OR AMOUNT?
S9	2201304	SIGNAL? ? OR COMMAND? ?
S10	8117	S3(2N)PROCESSING
S11	2	S1 AND S10 AND S6
S12	421	S10 AND S2 AND S4
S13	232	S12 AND S5
S14	1580	S7(2N)S8
S15	0	S12 AND S14
S16	13	S10 AND S14
S17	162	S12 AND S6
S18	18	S17 AND S9
S19	305167	(STORE? OR STORING) (2N) (DATA? ? OR INFO OR INFORMATION)
S20	474562	S19 OR S4
S21	582	S10(15N)S20
S22	85	S21 AND S6 AND S2
S23	23	S22 AND IC=G06F-017/60
S24	55	S23 OR S11 OR S16 OR S18

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File 347:JAPIO Oct 1976-2002/Jul(Updated 021104)

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File 350:Derwent WPIX 1963-2002/UD,UM &UP=200277

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24/5/1 (Item 1 from file: 347)

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07339458 **Image available**

GUARANTEE INSURANCE PROCESSING SYSTEM, AND METHOD AND DEVICE FOR GUARANTEE
PROCESSING OF ELECTRONIC TRANSACTION

PUB. NO.: 2002-207949 [JP 2002207949 A]

PUBLISHED: July 26, 2002 (20020726)

INVENTOR(s): NAKAE TOUSUI
MIZOGAMI KENICHI
DOI KUNIO
HIRAI NORIHITO
BRANDON LUCAS

APPLICANT(s): AIU INSURANCE COMPANY

APPL. NO.: 2001-000825 [JP 20011000825]

FILED: January 05, 2001 (20010105)

INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To process operation for guarantee insurance which expands the concept of conventional guarantee insurance and is flexibly adaptive to contracts of various styles.

SOLUTION: Before a contract of electronic transaction carried out between many consumer terminals 30 and an electronic store 20 through a public communication network NET is made, data regarding the electronic store 20 and **predicted** transaction **amount** data are obtained from the electronic store 20 which desires to participate and before the contract of the electronic transaction is made, data regarding a consumer are obtained from a consumer terminal 30 who desires to be registered; and a premium and an insurance amount to be guaranteed are calculated according to the **predicted** transaction **amount** data. If the obligation goes into default after the contract of the electronic transaction is made, data regarding the contact whose obligation goes into default are obtained from the consumer terminal 30 and it is decided whether the insurance can be paid to the consumer according to the data regarding the contract and data regarding the electronic store 20.

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07301457 **Image available**

SYSTEM AND METHOD FOR PROCESSING TRANSACTION , AND COMMODITY HANDLING
SERVER

PUB. NO.: 2002-169937 [JP 2002169937 A]

PUBLISHED: June 14, 2002 (20020614)

INVENTOR(s): MORISHIMA TOMOFUMI
MIZOGAMI KENICHI
KANEKO HIROYA
NAGATA TOSHIYUKI
OBINATA MAKOTO
NARUMI KAZUE
TAKEDA MASAO
GOTO JUNKO

APPLICANT(s): AIU INSURANCE COMPANY

APPL. NO.: 2000-367009 [JP 2000367009]
FILED: December 01, 2000 (20001201)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a system and method for **processing transactions**, which can effectively process the materialization of a transaction and collecting of the cost.

SOLUTION: An employee accesses a WWW server 32 of a payroll management center 30 from a terminal 22 via a network and **inputs** duty hour **data** in the system for **processing transactions** to report actual duty **hours**. The system for transactions stores these duty hour data in a payroll database 340 to house the personnel data for the payroll management center 30. When an inquiry **signal** for asking about the insurance is sent to the WWW server 32 from the terminal 22, the system, at least, sends a part of the handing over data of personnel for an organization **member** who operates the terminal 22 from the payroll center 30 to an insurance processing center 10 that processes the transactions with the terminal 22 on the basis of this handing over data.

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07271947 **Image available**
ORDERING SETTLEMENT SYSTEM

PUB. NO.: 2002-140410 [JP 2002140410 A]
PUBLISHED: May 17, 2002 (20020517)
INVENTOR(s): FUKUDA HIDEAKI
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD
APPL. NO.: 2000-334214 [JP 2000334214]
FILED: November 01, 2000 (20001101)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To display menu **information** from a **store** side onto the portable terminal of a **customer**, and to perform **ordering** and settlement **processing** by the portable terminal.

SOLUTION: This system is constituted of portable terminals 50 and 51 owned by **customers** such as a portable telephone or the like equipped with a radio transmitter/receiver and a subscriber authenticating module card interface, store side radio transmitters/receivers 10, 11 and 12 installed in a floor in a store 100, a menu and order management device 20 for summarizing the radio transmitters/receivers 10, 11 and 12, a **customer** management data base 30 installed at the **time** of providing a service to each group chain 1000 or each **customer**, and connected to the menu and order management devices 20 and 21 of respective stores 100 and 200, and a settlement management center 40 installed in a credit company and connected to menu and order management devices 20, 21, 22 and 23 in respective stores 100, 200, 300 and 400.

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24/5/4 (Item 4 from file: 347)

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07173381 **Image available**

SALE SUPPORTING METHOD AND SALE SUPPORT SYSTEM USING THE SAME

PUB. NO.: 2002-041768 [JP 2002041768 A]

PUBLISHED: February 08, 2002 (20020208)

INVENTOR(s): YOSHIDA TAMOTSU
KURIHARA HIDEYORI
IIMURO HIROYUKI
MORIOKA TSUTOMU

APPLICANT(s): TEIJIN LTD

APPL. NO.: 2000-231189 [JP 2000231189]

FILED: July 31, 2000 (20000731)

INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a sale supporting method and a sale support system which reduce the load of adjusting operation at reserving **time**, increase sale chances, decrease quantities of stock, and improve **customer** treatment by making the sellable quantities of respective sections open to respective salespersons and efficiently and speedily performing reserving processing for orders when many kinds of articles whose sellable quantities are set by the sections are sold.

SOLUTION: The sale limits of the respective sections are presented to the respective salespersons through salesperson terminals connected to a network and according to order reception **data** **inputted** from the salesperson terminals, reserving **processing** for **orders** is carried out in predetermined priority order within the sale limits predetermined for salespersons having received the orders.

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SYSTEM AND METHOD FOR ORDER PROCESSING BY COOPERATION OF INTERNET SERVICE PROVIDER

PUB. NO.: 2002-015248 [JP 2002015248 A]

PUBLISHED: January 18, 2002 (20020118)

INVENTOR(s): HARUKI HIROSHI
KIMURA TAKASHI

APPLICANT(s): NIFTY CORP

APPL. NO.: 2000-194798 [JP 2000194798]

FILED: June 28, 2000 (20000628)

INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a settlement system which is new to **customers** by making service providers such as Internet service provider(ISP) cooperate.

SOLUTION: A settlement confirmation processing computer is specified which

performs settlement confirmation **processing** regarding an **order** of a **customer** by performing retrieval from a storage device **storing information** on the computers of service providers performing the settlement confirmation processing for each service provider by using information inputted by the **customer** at the **time** of ordering and specifying a server provider settling the order price. Further, **customer** authentication information of the service provider that the **customer** inputs is sent to the specified settlement confirmation processing computer. The settlement confirmation processing computer carries out **customer** confirmation processing and sends the processing result back. When the processing result is affirmative, order confirmation processing is carried out. The administrator of this system bills the order money to the affiliated service provider, which bills the price to the **customer**.

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METHOD AND SYSTEM FOR PRODUCT SALE

PUB. NO.: 2001-357316 [JP 2001357316 A]

PUBLISHED: December 26, 2001 (20011226)

INVENTOR(s): KIKUCHI YOHEI

APPLICANT(s): NEC CORP

APPL. NO.: 2000-177466 [JP 2000177466]

FILED: June 13, 2000 (20000613)

INTL CLASS: **G06F-017/60** ; B65G-001/137; G06F-003/00

ABSTRACT

PROBLEM TO BE SOLVED: To solve the problem that a **customer** requires several **days** to receive a product after ordering it because of delivery from a small number of product delivery centers.

SOLUTION: A product sale system is provided with a **user** terminal 2 which is used to order a product to be **purchased**, an **order processing** center terminal 3 which processes order **information** inputted from the **user** terminal 2, a product delivery center terminal 4 which performs processing for door-to-door delivery of the product ordered from the **user** terminal 2 by product order information from the order processing center terminal 3, and a communication network 1 like the Internet which mutually connects them.

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DEVICE AND METHOD FOR **TRANSACTION PROCESSING**

PUB. NO.: 2001-325529 [JP 2001325529 A]

PUBLISHED: November 22, 2001 (20011122)

INVENTOR(s): AZUMA YOSHIKO

APPLICANT(s): SHARP CORP

APPL. NO.: 2000-145864 [JP 2000145864]
FILED: May 18, 2000 (20000518)
INTL CLASS: G06F-017/60; G07G-001/12

ABSTRACT

PROBLEM TO BE SOLVED: To provide a device and a method for **transaction processing** which can perform transaction corresponding to the total sales amount of prescribed articles of all buyers of the prescribed articles.

SOLUTION: A price E_0 is set to a commodity X in the beginning of its sale and, for example, the total number of buyers of the commodity X reaches F_1 when a **predicted sales amount** ' $E_0 \times F_0$ ' in a prescribed period is set. When the total sales amount ' $E_0 \times F_1$ ' exceeds the **predicted sales amount** ' $E_0 \times F_0$ ', a repayment amount B is paid back to F persons who bought the commodity X in the prescribed period. The repayment amount B is calculated from, for example, ' $E_0 \times (F_1 - F_0) / F_1$ '.

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ARTICLE ORDER SYSTEM

PUB. NO.: 2001-243302 [JP 2001243302 A]
PUBLISHED: September 07, 2001 (20010907)
INVENTOR(s): KIMURA KAZUHISA
YAMAZAKI SATOSHI
APPLICANT(s): ENCHANTE KK
APPL. NO.: 2000-056389 [JP 2000056389]
FILED: March 01, 2000 (20000301)
INTL CLASS: G06F-017/60 ; G07G-001/14

ABSTRACT

PROBLEM TO BE SOLVED: To provide an article order system, with which the respective parts of an original assembled article designed by a **user** can be ordered and work processing of parts can be estimated in real **time**.

SOLUTION: As an article order system for the **user** to designate materials for the respective parts of the assembled article through a network IN to a service company SC and to order work processing from the materials to these parts, this system is connected from a **user** terminal T through the Internet IN to the home page of the service company SC for performing work processing by the **user**. Order processing data composed of an explanatory leaflet for supporting ordering work, material price list showing the relations of the kinds and prices of materials, work processing price list showing the relations of the kinds and prices of work **processing**, **order sheets** for **entering data** on the kinds of materials and data on the kinds of work processing for each of parts of the assembled article and software for performing estimating calculation are all sent from a server SB of the service company SC to the connected **user** terminal T. A **user** U orders respective parts by using the **inputted order processing data**.

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PHYSICAL DISTRIBUTION SYSTEM

PUB. NO.: 2001-106310 [JP 2001106310 A]

PUBLISHED: April 17, 2001 (20010417)

INVENTOR(s): YUKAWA FUMIO

KANDA TOMOYUKI

KUMAGAI SHINICHIRO

HIGASHIYA YASUTAKA

APPLICANT(s): KIRIN ENGINEERING CO LTD

APPL. NO.: 11-288501 [JP 99288501]

FILED: October 08, 1999 (19991008)

INTL CLASS: B65G-001/137; G06F-019/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide a physical distribution system capable of reducing the facility investment and manpower by eliminating need for the inventory of a great deal of articles, the concentrated requirement of manpower during a particular period.

SOLUTION: This physical distribution system is provided with an order **amount predicting** means 1 of **predicting** order **amount** for this time based on past order result data, a preliminary delivery amount calculating means 2 of preliminarily calculating the quantity of articles to be delivered based on the **predicted** order **amount** for this time, a preliminary delivery indication means 3 of issuing assortment of the articles and/or delivery indication based on the calculated results, a fixed- **order processing** means 4 of obtaining the fixed order amount data for this time, a difference calculating means 5 for calculating a difference between preliminary delivery amount calculating results for this time calculated by the preliminary delivery amount calculating means 2 and the fixed order amount for this time obtained by the fixed- **order processing** means, and a fixed amount difference collection and delivery instruction means 6 of making instructions for delivery or bringing-back against the difference amount based on a difference between preliminary delivery amount and fixed order amount.

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METHOD FOR PROCESSING ORDER INFORMATION IN RESTAURANT INFORMATION PROCESSOR

PUB. NO.: 2000-276528 [JP 2000276528 A]

PUBLISHED: October 06, 2000 (20001006)

INVENTOR(s): ICHIJO TAKAYUKI

APPLICANT(s): NITSUKO CORP

APPL. NO.: 11-084006 [JP 9984006]

FILED: March 26, 1999 (19990326)

INTL CLASS: G06F-017/60 ; G07F-009/00; G07G-001/12

ABSTRACT

PROBLEM TO BE SOLVED: To provide an order information processing method in a restaurant information processor capable of instructing a kitchen to start to cook an ordered dish concerned in accordance with providing timing of each cooked dish to a **customer** .

SOLUTION: In the **order** information **processing** method in the restaurant information processor which is provided with a handy terminal 5, **inputs** various **information** such as order information from a **customer** through the terminal 5, processes the inputted order information and outputs a cooking instruction at least to a kitchen printer 4 installed in the kitchen, when order information from a **customer** is order information of course dishes in which plural dishes are offered according to a preliminarily determined order, the cooking **time** for each dish is instructed by the terminal 5 and the printer 4 installed in the kitchen is instructed for the cooking **time** of the dish concerned.

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24/5/11 (Item 11 from file: 347)

DIALOG(R)File 347:JAPIO

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06636663 **Image available**

METHOD FOR **PROCESSING** CUSTOMER'S **ORDER**

PUB. NO.: 2000-222477 [JP 2000222477 A]

PUBLISHED: August 11, 2000 (20000811)

INVENTOR(s): **IGUCHI KESAKICHI**

TANAKA HIROYUKI

INUI TOMOYO

APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD

APPL. NO.: 11-020484 [JP 9920484]

FILED: January 28, 1999 (19990128)

INTL CLASS: G06F-017/60; G07G-001/12

ABSTRACT

PROBLEM TO BE SOLVED: To reduce the load on each of cooks and to reduce the loss of commodities even when the number of customers is changed in a restaurant or the like.

SOLUTION: In the customer **order** **processing** method, commodity names 21 and a peak **time** control code 22 are set up in a commodity setting table stored in a customer order processor. Whether a selling prediction value is displayed or not at the peak of customers is distinguished for every commodity. At the slowdown of selling, the commodity is displayed and cooked for every order. At the peak of selling, the selling prediction value is calculated and displayed to cook an estimated number of commodities. Since a cooking method can be changed in accordance with the number of customers, respective commodities can be efficiently cooked and the cooking **time** of each commodity can be shortened. Thereby, the waiting **time** of each customer can be shortened, customer's satisfaction can be improved, the load of each cook can be reduced, and the disposal of commodities can be reduced.

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24/5/12 (Item 12 from file: 347)

DIALOG(R)File 347:JAPIO

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06331142 **Image available**
ORDER DATA INPUT SYSTEM AND STORAGE MEDIUM

PUB. NO.: 11-272743 [JP 11272743 A]
PUBLISHED: October 08, 1999 (19991008)
INVENTOR(s): KIKUCHI MASAO
APPLICANT(s): FUJITSU LTD
APPL. NO.: 10-070015 [JP 9870015]
FILED: March 19, 1998 (19980319)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To simplify order input work, to reduce input errors and to provide the recommendation information on a **seller** side of **season** products/sales products or the like by obtaining the past order contents of the same **period** as the **time** of the order of this **time** from an order history storage part and displaying the candidates of order input data .

SOLUTION: An order registration device 200 performs an **order** registration **processing** while referring to a product master 211 and a **season** information master 212 registered beforehand. An order history information file 210 manages the order information of the same **period** of a previous year to be order candidates at the **time** of order input by summing up and managing the order information for respective ordering **persons** for respective **seasons** . In the meantime, the product master 211 manages a product name, the **season** of a large sales amount and the recommendation information corresponding to a product code, and by deciding the product code, supplementary information is taken out. Further, the **season** information master 212 manages the **period** corresponding to a **season** key and copes with the **season** key used in the order history information file 210 and the product master 211.

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24/5/13 (Item 13 from file: 347)
DIALOG(R)File 347:JAPIO
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06271472 **Image available**
WINDOW PROCESSING ORDER CONTROL SYSTEM WITH ADVANCE PROCESSING FUNCTION

PUB. NO.: 11-213060 [JP 11213060 A]
PUBLISHED: August 06, 1999 (19990806)
INVENTOR(s): NISHINOMIYA HIROSHI
 NAGAYA KOJI
 HAYASHI MANABU
APPLICANT(s): HITACHI LTD
 HITACHI CHUBU SOFTWARE LTD
APPL. NO.: 10-009287 [JP 989287]
FILED: January 21, 1998 (19980121)
INTL CLASS: G06F-019/00; G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a processing order control system capable of minimizing window processing **time** and **customer** waiting **time** by recognizing a document previously entered by a **customer** by an image OCR

at the **time** of receiving processing order and omitting data processing for reception simultaneously with order control processing.

SOLUTION: The system is constituted of order receptors 101, 102 respectively including image OCR functions in their insides and a processing server 20 having a function for transmitting recognized character data to each window device for recognizing read data transmitted from the receptors 101, 102 as character data, judging the contents of processing and executing the processing in accordance with the processing contents. Since the decision of operation division from a document and the **input** of document **data** which are executed when a **customer** arrives at an window after the execution of **order** receiving **processing** in a conventional method can be previously executed at the **time** of receiving order by the constitution, customer waiting **time** can be sharply shortened.

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24/5/14 (Item 14 from file: 347)

DIALOG(R)File 347:JAPIO

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06065956 **Image available**

METHOD AND DEVICE FOR MEDIATING INTER- **PERSON** MERCHANDISE SALE

PUB. NO.: 11-007467 [JP 11007467 A]

PUBLISHED: January 12, 1999 (19990112)

INVENTOR(s): KIKUCHI YOSHITOMO

APPLICANT(s): HITACHI LTD

APPL. NO.: 09-158695 [JP 97158695]

FILED: June 16, 1997 (19970616)

INTL CLASS: **G06F-017/60**

ABSTRACT

PROBLEM TO BE SOLVED: To allow both **users** of purchase and sale to participate on equal terms and also to protect the privacy of the **users** by retrieving merchandise that meets condition in merchandise purchase information that is already registered at the **time** of obtaining an input of merchandise purchase information and providing a means which notifies a created list to the other **party**, etc.

SOLUTION: This device receives merchandise purchase information from a **user** terminal 101. A **purchase** merchandise information **processing** part 111 retrieves a sale merchandise **information** **storing** device 122 with a merchandise name of received merchandise purchase information as a key and creates a list of merchandise on which the sale condition and purchase condition of a merchandise coincide. When there is merchandise that meets a condition, the merchandise list that is created is sent to the terminal 101. A **user** inputs the number of merchandise from the displayed merchandise list. When merchandise is selected, merchandise information and registrant information about the selected merchandise are sent based on the registration number of the merchandise, and purchaser's information is sent to the registrant of the selected merchandise by mail.

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24/5/15 (Item 15 from file: 347)

DIALOG(R)File 347:JAPIO

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05256762 **Image available**
ORDERING MANAGEMENT SYSTEM FOR COMMODITIES OF WIDE VARIETY

PUB. NO.: 08-212262 [JP 8212262 A]
PUBLISHED: August 20, 1996 (19960820)
INVENTOR(s): WATANABE MINAMI
 SUZUKI YASUYO
 YAMANE SHINJI
 ENDO SETSUO
 IGARASHI HIROSHI
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
 (Japan)
 BUANDOOMU YAMADA KK [000000] (A Japanese Company or
 Corporation), JP (Japan)
APPL. NO.: 07-019474 [JP 9519474]
FILED: February 07, 1995 (19950207)
INTL CLASS: [6] G06F-017/60; G06F-017/00
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

ABSTRACT

PURPOSE: To take the feature of individual commodity into consideration and to realize strict ordering management in an ordering management system for commodities of wide variety such as accessories to the body and dresses.

CONSTITUTION: The ordering management system for commodities of wide variety, which receives sales data for the respective commodities from plural terminal equipments 101 and executes the **ordering processing** of the respective commodities based on sales data is provided with an accumulation means 111 accumulating information on sales quantity for the respective commodities and attribute information showing the features of the respective commodities, a prediction means 112 **predicting** the sales **quantity** of a newly supplied commodities that are newly supplied based on information on the commodities of the former year which is accumulated by the accumulation means 111, and an ordering means 113 adjusting the ordering quantity of the respective commodities based on a prediction result by the prediction means 112.

24/5/16 (Item 16 from file: 347)

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05140760 **Image available**
COMMODITY SALES REGISTERING DATA PROCESSOR

PUB. NO.: 08-096260 [JP 8096260 A]
PUBLISHED: April 12, 1996 (19960412)
INVENTOR(s): HIRATA KOJI
APPLICANT(s): TEC CORP [000356] (A Japanese Company or Corporation), JP
 (Japan)
APPL. NO.: 06-235780 [JP 94235780]
FILED: September 29, 1994 (19940929)
INTL CLASS: [6] G07G-001/14; **G06F-017/60**
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.4
 (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD: R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers);
 R131 (INFORMATION PROCESSING -- Microcomputers &
 Microprocessors)

ABSTRACT

PURPOSE: To provide a commodity sales registering data processor capable of

quickly and accurately knowing an address of an external ordering **customer** and a route or the like to the address on a map and being easily handled.

CONSTITUTION: The processor is provided with externally ordered data reception controlling means 11, 12, externally **ordered** commodity registering **processing** controlling means 11, 12, a map **data** **storing** means 30, and a map data visual output controlling means 11, 12. When externally ordered data from an external data input means 50 are received and an externally ordered commodity registering request is automatically or manually outputted at proper **time**, external order sales data including commodity data and a **customer** code can be registered, and when a map visual output request is automatically or manually outputted at proper **time**, map data corresponding to the **customer** code are read out and displayed on a display device 21 or printed out by a printer 22 to visually output the map.

24/5/17 (Item 17 from file: 347)

DIALOG(R)File 347:JAPIO

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05108030 **Image available**

CONTROLLING SYSTEM FOR NUMBER OF OPERATING TERMINAL DEVICES

PUB. NO.: 08-063530 [JP 8063530 A]

PUBLISHED: March 08, 1996 (19960308)

INVENTOR(s): SHINKOU YOSHIYA

APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 06-222454 [JP 94222454]

FILED: August 24, 1994 (19940824)

INTL CLASS: [6] G06F-019/00; **G06F-017/60**

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

JAPIO KEYWORD:R087 (PRECISION MACHINES -- Automatic Banking)

ABSTRACT

PURPOSE: To prevent the operation of an unnecessary terminal device and to improve service to a **user**.

CONSTITUTION: A use ticket issuing machine 10 issues a use ticket having **store** - coming **time** **data** to the **user**. A terminal device 20 starts a **transaction** **processing** by the use ticket. A **user** information acquirement part 21 calculates waiting **time** to the transaction start of the **user** from business store arrival **time** data and the transaction start **time** of the use ticket. An operating terminal device number control part 31 controls the number of operating terminal devices 20 so that the waiting **time** of the **user** becomes the value of a previously set range.

24/5/18 (Item 18 from file: 347)

DIALOG(R)File 347:JAPIO

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04937894 **Image available**

COMMODITY TRANSACTION SYSTEM

PUB. NO.: 07-230494 [JP 7230494 A]

PUBLISHED: August 29, 1995 (19950829)

INVENTOR(s): HASEBE SHINOBU

APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or

Corporation), JP (Japan)
APPL. NO.: 06-019280 [JP 9419280]
FILED: February 16, 1994 (19940216)
INTL CLASS: [6] G06F-017/60
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD: R101 (APPLIED ELECTRONICS -- Video Tape Recorders, VTR)

ABSTRACT

PURPOSE: To shorten the **time** from commodity selection to reception to reduce the labor by providing a central **transaction processing** device with a means which **inputs** explanatory **information** of commodities with characters, pictures, and voice and transmitting commodity information generated based on inputted information to a terminal equipment and performing the commodity transaction based on received commodity information in the terminal equipment.

CONSTITUTION: A commodity information generator 1 and a center 2 are connected by LAN and are installed in, for example, a department store, and plural terminal equipments 3 are installed in shops like convenience stores and are connected to the center 2 by a public digital network. Commodity information of commodities which **users** inquire about by terminal equipments 3 and deletion information which indicates deletion of unnecessary commodities are generated in the commodity information generator 1 and are transmitted to the center 2 and are transmitted from the center 2 to terminal equipments 3. Order information of commodities generated by orders of **users** in terminal equipments 3 is transmitted to the center 2. Consequently, **users** can select and order the commodities from nearest convenience stores or the like.

24/5/19 (Item 19 from file: 347)

DIALOG(R) File 347: JAPIO
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04350755 **Image available**
AUTOMATIC TRANSACTION MACHINE

PUB. NO.: 05-342455 [JP 5342455 A]
PUBLISHED: December 24, 1993 (19931224)
INVENTOR(s): SATO KENJI
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 04-152098 [JP 92152098]
FILED: June 11, 1992 (19920611)
INTL CLASS: [5] G07D-009/00; G06F-015/20; G06F-015/30; G07D-001/00
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.4 (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD: R087 (PRECISION MACHINES -- Automatic Banking)
JOURNAL: Section: P, Section No. 1719, Vol. 18, No. 184, Pg. 74, March 29, 1994 (19940329)

ABSTRACT

PURPOSE: To shorten processing time for each **transaction** by parallelly **processing** the counting of disbursement with customer operations, to improve device workability and to shorten the waiting time of customers.

CONSTITUTION: This machine is provided with a disbursement predicting means 15 to predict the disbursement this time from a transaction history file 14, **predictive amount** counting instructing means 16 to instruct the feeding of cash as this **predicted amount** to respective counters 9 and

10, **predictive** /input **amount** comparing means 17 to calculate the difference between the paid-out cash just for the **predictive amount** and the input amount instructed by the customer by comparing them with each other, **predictive amount** increasing/decreasing means 18 to instruct the collection and feeding-out of cash by the difference so that the **predicted amount** and the input amount can be coincident with each other when there is difference, and collection instructing means 19 to collect the paid-out cash into a stacker when the transaction instructed by the customer is not a paying **transaction**. Thus, paying **processing** time is shortened by preventing the input of the disbursement from being waited at the time of the paying transaction, predicting the disbursement beforehand and starting paying processing corresponding to the **predicted amount**.

24/5/20 (Item 20 from file: 347)

DIALOG(R)File 347:JAPIO

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04143552 **Image available**

AUTOMATIC TRANSACTION MACHINE

PUB. NO.: 05-135252 [JP 5135252 A]
PUBLISHED: June 01, 1993 (19930601)
INVENTOR(s): TANIGUCHI TSUTOMU
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 03-323857 [JP 91323857]
FILED: November 12, 1991 (19911112)
INTL CLASS: [5] G07D-009/00; G06F-015/30
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.4 (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD: R087 (PRECISION MACHINES -- Automatic Banking)
JOURNAL: Section: P, Section No. 1615, Vol. 17, No. 519, Pg. 64, September 17, 1993 (19930917)

ABSTRACT

PURPOSE: To attain paying **processing** of a **transaction** card and an entry in a passbook by one **time** of operation, in an automatic transaction machine having one insertion port and a shared carrying mechanism,

CONSTITUTION: When a **customer** selects a simultaneous processing by a simultaneous processing indication key 39, a simultaneous processing executing means 40 simultaneously executes the paying **processing** by a **transaction** card 22, and the entering processing by a passbook 25. Therefore, the **customer** can operate the paying processing and the entering processing by successively inserting the transaction card 22 and the passbook 25 into a shared insertion port 30, and **inputting** prescribed **data** by one **time** of operation. On the other hand, when the passbook 25 is previously inserted, a detecting part 32 outputs a detection **signal**, and an insertion order judging means 41 judges it. A passbook reservation indicating means 42 controls the operation of a temporary reserving part 38 according to the judgement, and allows the temporary reserving part 38 to fetch the passbook 25 from a passbook processing part 36. Therefore, the transaction card 22 can successively be inserted after the insertion of the passbook 25.

24/5/21 (Item 21 from file: 347)

DIALOG(R)File 347:JAPIO

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04081894 **Image available**
ACCEPTANCE OF ORDER REGISTERING PROCESSOR

PUB. NO.: 05-073594 [JP 5073594 A]
PUBLISHED: March 26, 1993 (19930326)
INVENTOR(s): KONDOU TOSHIYUKI
APPLICANT(s): HOKURIKU NIPPON DENKI SOFTWARE KK [000000] (A Japanese
 Company or Corporation), JP (Japan)
APPL. NO.: 03-231315 [JP 91231315]
FILED: September 11, 1991 (19910911)
INTL CLASS: [5] G06F-015/24; G06F-015/22
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1582, Vol. 17, No. 408, Pg. 6, July
 29, 1993 (19930729)

ABSTRACT

PURPOSE: To make it possible to simply input an acceptance of order without allowing an operator to store a commodity code by retrieving and displaying a commodity to be transacted in each ordering **customer** at the **time** of registering the order.

CONSTITUTION: This acceptance order registering processor is provided with a transaction commodity information storing part 3 for storing the commodity names, their unit prices and other information corresponding to each **customer**, a **transaction** commodity display **processing** means 21 for extracting transaction commodity information relating to the code corresponding to the **customer** from the device 3 at the **time** of inputting the code and outputting an image **signal** specifying a place to which ordering information is to be inputted together with the extracted information, an **ordering** registering **processing** means 23 for forming ordering information based on ordering **information inputted** from an I/O device 1 in accordance with the image **signal** and outputting the formed information to an ordering information storing device 4, the storing device 4, and a slip issuing processing means 24 for reading out the ordering information from the device 4 and outputting the read contents to an output device 5 to issue a slip.

24/5/22 (Item 22 from file: 347)

DIALOG(R)File 347:JAPIO
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03814271 **Image available**
DEVICE AND METHOD FOR ENCODING PICTURE DATA

PUB. NO.: 04-179371 [JP 4179371 A]
PUBLISHED: June 26, 1992 (19920626)
INVENTOR(s): NAKAGAWA CHIHIRO
 MOGI CHIKAKO
APPLICANT(s): OLYMPUS OPTICAL CO LTD [000037] (A Japanese Company or
 Corporation), JP (Japan)
APPL. NO.: 02-306071 [JP 90306071]
FILED: November 14, 1990 (19901114)
INTL CLASS: [5] H04N-001/41; G06F-015/66; H04N-001/415
JAPIO CLASS: 44.7 (COMMUNICATION -- Facsimile); 45.4 (INFORMATION
 PROCESSING -- Computer Applications)
JAPIO KEYWORD: R011 (LIQUID CRYSTALS); R098 (ELECTRONIC MATERIALS -- Charge
 Transfer Elements, CCD & BBD); R131 (INFORMATION PROCESSING
 -- Microcomputers & Microprocessors)
JOURNAL: Section: E, Section No. 1278, Vol. 16, No. 492, Pg. 1,
 October 12, 1992 (19921012)

ABSTRACT

PURPOSE: To encode a picture within prescribed time and within a prescribed code amount without damaging the quality of the picture by controlling the code amount so that it is within an allocated code amount obtained by means of combining the excess and lack of the allocated code amount of respective blocks and the allocated code amount till a previous block in accordance with the encoding order of respective decided color components.

CONSTITUTION: An encoding circuit 80 is provided with an orthogonal conversion circuit 4, a quantizing circuit 6, a Huffman encoding circuit 8 as a variable length encoding, a quantizing width prediction circuit 12, a code amount calculation circuit 14, a code amount allocation circuit 20 and a code stop circuit 16. Optimum quantizing width and the allocated code amount for respective blocks are decided from the code amounts for respective blocks, which are obtained from a statistical processing, and a difference between the code amount generated by encoding in the processed block and the allocated code amount is added to the allocated code amount of the block being the object of a processing, and variable length encoding is stopped lest it exceeds the allocated code amount. On the other hand, a **processing order** by the individual color components is decided in correspondence with **code amount prediction** values by the individual color components. Thus, the encoding processing can be executed within prescribed processing time and within the prescribed code amount without damaging the quality of the picture.

24/5/23 (Item 23 from file: 347)

DIALOG(R) File 347:JAPIO

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03169162 **Image available**
ORDER ENTRY SYSTEM

PUB. NO.: 02-144662 [JP 2144662 A]

PUBLISHED: June 04, 1990 (19900604)

INVENTOR(s): YOSHIDA HIDEKAZU
KAWAMURA MASAHIRO
OGURA MASANARI
OHARA AKIO
ISHIZUKA SADA O
SATO AKIHIRO
KIMURA YUKINORI
SUZUKI FUMIO
OGUCHI TOMOYUKI

APPLICANT(s): KANEBO LTD [000095] (A Japanese Company or Corporation), JP
(Japan)
NIPPON TEREMEDEIA SERVICE KK [000000] (A Japanese Company or Corporation), JP (Japan)
FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 63-297756 [JP 88297756]

FILED: November 25, 1988 (19881125)

INTL CLASS: [5] G06F-015/21; G06F-015/21

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

JAPIO KEYWORD: R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers)

JOURNAL: Section: P, Section No. 1094, Vol. 14, No. 385, Pg. 96,
August 20, 1990 (19900820)

ABSTRACT

PURPOSE: To simplify the ordering work of a shop side by referring a

preceding sales register and a current sales register stored in a center, **forecasting** the reference **quantity** of ordering in the succeeding ordering period, answering the **forecasted quantity** to respective shops and determining the quantity of order based upon OK or correction information.

CONSTITUTION: A sales processing part 4 registers sales data informed from respective shops in the current sales register 8 and a sales forecasting processing part 5 refers the current sales register 8, the preceding sales register 9 and a commodity similar table 10 to forecast the reference ordering quantity of the succeeding ordering period. An **order processing** part 6 determines the reference order quantity or the order quantity obtained by correcting the reference one as the order quantity of the succeeding ordering period based upon the OK or correction information corresponding to the answer of the reference ordering quantity to respective shops and stores the determined results in an ordering master 11. Thus, the ordering work of the shop side can be simplified.

24/5/24 (Item 24 from file: 347)

DIALOG(R)File 347:JAPIO

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02806173 **Image available**
AUTOMATIC TELLER MACHINE

PUB. NO.: 01-103773 [JP 1103773 A]
PUBLISHED: April 20, 1989 (19890420)
INVENTOR(s): SAITOU IWANORI
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 62-261437 [JP 87261437]
FILED: October 16, 1987 (19871016)
INTL CLASS: [4] G06F-015/30; G07D-009/00
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 29.4
(PRECISION INSTRUMENTS -- Business Machines)
JAPIO KEYWORD: R087 (PRECISION MACHINES -- Automatic Banking)
JOURNAL: Section: P, Section No. 909, Vol. 13, No. 345, Pg. 71, August
03, 1989 (19890803)

ABSTRACT

PURPOSE: To attain transferring transaction without limiting the medium of outgoing and incoming accounts by controlling the evacuation of the account medium in correspondence to the selection of the transferring transaction.

CONSTITUTION: When the transferring transaction is selected through a key input control part 2, a medium inserting in the outgoing account side is guided to a display by an operation guidance control part 1 and an operation guidance processing part 13. Then, the information of an inserting medium to accompany this guidance are read by a reading control part 4 and the outgoing account medium is evacuated by an evacuation control part 5 and a medium evacuation processing part 9. Next, when a **user** itself is confirmed by an **input data** processing part 10, a transferring amount input and an incoming account side medium inserting are stimulated. In correspondence to this **command** execution, the reading of the incoming account side medium and the transmission of transferring transacting information with a high order station through a line control mechanism 29 by a high **order** station transmission **processing** part 11 are executed and output information from the high order station are outputted through an output data processing part 12 and an output data control part 6 to the incoming account side medium. Then, the medium is

returned to the **user** and the outgoing account side medium is also returned in the same way. Then, the transferring transaction is executed with one **time** operation without limiting the medium of the outgoing side and incoming side accounts.

24/5/25 (Item 25 from file: 347)

DIALOG(R)File 347:JAPIO

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02553875 **Image available**

POS SYSTEM

PUB. NO.: 63-170775 [JP 63170775 A]

PUBLISHED: July 14, 1988 (19880714)

INVENTOR(s): TAKAHASHI TAKANORI

APPLICANT(s): NITSUKO CORP [352301] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 62-001940 [JP 871940]

FILED: January 09, 1987 (19870109)

INTL CLASS: [4] G06F-015/21; G07G-001/14

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 29.4 (PRECISION INSTRUMENTS -- Business Machines)

JOURNAL: Section: P, Section No. 789, Vol. 12, No. 441, Pg. 126, November 21, 1988 (19881121)

ABSTRACT

PURPOSE: To enable the process of a large quantity of order data at the **time** of accounting by providing plural processing devices for **processing** the **order** data and equipping a controller linking between input devices and the plural processing devices.

CONSTITUTION: The controller 4 receives the order **data** from the **input** devices 2-1, 2-2-2-x through an interface 41 and transmits the data to output devices 3-1-3-m through the interface 41, and at the same **time** it accumulates it in a memory 42. At the **time** of accounting, the controller 4 transmits the order data in the memory 42 corresponding to the table number to one processing device 1 which does not transmit a busy **signal** through the interface 43. Thus, the respective processing devices 1-1-1-n can simultaneously executed the process of the order data, so that the **time** when a **customer** is kept waiting at the **time** of accounting can be reduced.

24/5/26 (Item 26 from file: 347)

DIALOG(R)File 347:JAPIO

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02456467 **Image available**

METHOD AND DEVICE FOR **PROCESSING TRANSACTION** OF POS SYSTEM

PUB. NO.: 63-073367 [JP 63073367 A]

PUBLISHED: April 02, 1988 (19880402)

INVENTOR(s): FUJITA SHIGERU

APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 61-218291 [JP 86218291]

FILED: September 17, 1986 (19860917)

INTL CLASS: [4] G06F-015/21; G07G-001/14

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 29.4

(PRECISION INSTRUMENTS -- Business Machines)
JOURNAL: Section: P, Section No. 745, Vol. 12, No. 300, Pg. 112,
August 16, 1988 (19880816)

ABSTRACT

PURPOSE: To shorten **customers** ' waiting **time** and to smoothly shift the **customers** by executing the transactions process of other **customer** simultaneously with a host referencing process when a host reference is made in case of the transactions process by a POS system.

CONSTITUTION: When an operator inserts a card received from a **customer** into a POS terminal 15, card data is read by a read part 16 to be inputted in a memory 18 once and then transmitted to a host CPU through a **signal** line 25. The host CPU searches based on the card **data** and **inputs** searched reference answer data INQ in the terminal 15 through the **signal** line 25. A multiplexer 17 opens a gate to an INQ data memory 19 according to the **command** of a control part 24 and the INQ data is written in the memory 19. When the control part 24 confirms that the data has been written in the memory 19, it sets an INQ receiving flag 22. While a series of the host reference process is being executed, the terminal 15 executes the transactions process with the **customer** in parallel.

24/5/27 (Item 27 from file: 347)

DIALOG(R) File 347:JAPIO

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02222065 **Image available**

RECIPIENT REGISTERING SYSTEM IN GOODS DELIVERY SYSTEM

PUB. NO.: 62-138965 [JP 62138965 A]

PUBLISHED: June 22, 1987 (19870622)

INVENTOR(s): NAKANO TAKUMI

NAITO AIKO

KOBAYASHI NORIO

TOKURA KATSUYUKI

ENDO TAKESHI

APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)

APPL. NO.: 60-279646 [JP 85279646]

FILED: December 12, 1985 (19851212)

INTL CLASS: [4] G06F-015/24

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

JOURNAL: Section: P, Section No. 641, Vol. 11, No. 366, Pg. 76,
November 28, 1987 (19871128)

ABSTRACT

PURPOSE: To execute the delivery even when a **person** going order and a recipient are different, to facilitate the delivery control and to improve the using efficiency of a goods issuing device by registering the receiving information.

CONSTITUTION: A **customer** **inputs** the receiving **information** such as a recipient identifying number (recipient ID), a goods number a date of receipt and fixed/ non-fixed **period** of the goods. A center 2 retrieves the propriety of the empty locker of the **day** and the goods procurement by a receiving information registering part 12, reserves a locker, and registers it to a receiving information registering table 8, and an **order processing** part 13 registers the order information approximate to the date of receipt to an order registering table 10 based upon the receiving

information registering table 8. The collection and delivery base procures the goods and charges them to a locker 6 of a goods issuing device 4 by the collection and delivery **command**. The recipient receives the notice from the **person** giving order, etc., the goods issuing device 4 inputs an IC card and a code number, a recipient ID is transmitted to the center 2 and the designated locker 6 is unlocked.

24/5/28 (Item 28 from file: 347)

DIALOG(R)File 347:JAPIO

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02086417 **Image available**

CONTROL SYSTEM FOR SCREEN DISPLAY INPUT

PUB. NO.: 62-003317 [JP 62003317 A]

PUBLISHED: January 09, 1987 (19870109)

INVENTOR(s): MISHIMA NORIHIKO

APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 60-142197 [JP 85142197]

FILED: June 28, 1985 (19850628)

INTL CLASS: [4] G06F-003/023; G06F-003/033

JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units)

JOURNAL: Section: P, Section No. 582, Vol. 11, No. 173, Pg. 26, June 04, 1987 (19870604)

ABSTRACT

PURPOSE: To change easily the input display area on a screen into an easy-to-use one in response to the purpose of a **user**, by defining the position, the size, the attribute, the **processing order**, etc. of said display area all in the form of parameters and also attaining the easy change of the display area.

CONSTITUTION: A **user** decides the position, the number of digits, the attribute, the display title, etc. of an input display area according to the item ID number together with the **processing order** (n) of items. These decided items are set to a parameter register 11 at the main body side 1. When an input request instruction 100 is delivered to a **command** converter 12 from a program, the n-th parameter is read out and informed to a screen display device 21 at the display side 2. At the same **time**, the item ID number a transfer area address A are informed to a transfer device 13. Then the data is supplied to a displayed input display area 211 from an input device 22 and the to the device 13. Then the data is added with the item ID number and transferred to an **input data** area 141 in a main memory 14 of an **input data** area address A.

24/5/29 (Item 29 from file: 347)

DIALOG(R)File 347:JAPIO

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01767978 **Image available**

WINDOW PROCESSING SYSTEM

PUB. NO.: 60-246478 [JP 60246478 A]

PUBLISHED: December 06, 1985 (19851206)

INVENTOR(s): AIZAKI YOSHIHIKO

APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 59-103463 [JP 84103463]
FILED: May 22, 1984 (19840522)
INTL CLASS: [4] G06F-015/30
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD: R087 (PRECISION MACHINES -- Automatic Banking)
JOURNAL: Section: P, Section No. 453, Vol. 10, No. 119, Pg. 18, May
06, 1986 (19860506)

ABSTRACT

PURPOSE: To improve the processing capacity of the window, and also to realize window processing which causes no cash trouble by **inputting** transaction **data** by a teller's operation, and also issuing a cash card in which a payment amount has been recorded.

CONSTITUTION: When a **user** B hands over a slip and a bankbook to a teller A in order to request a transaction, the teller A **inputs** transaction **data** from an **input** part of a terminal equipment OTM1 for teller, and executes communication to a center. When a transaction approvable **signal** is received, the OTM1 displays it on a display and urges the teller A to insert a cash card into a card issuing device. When the card is inserted, a control part 13 sends out the card number and the payment amount to a card issuing device 4, and the issuing device 4 records data required for the card, so that the teller A can fetch it. The teller A hands over the entered bankbook and the cash card to the **user** B and ends the **transaction processing**. In this way, the **user** B can realize the cash card at any **time** he desires.

24/5/30 (Item 30 from file: 347)

DIALOG(R)File 347:JAPIO
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01767977 **Image available**
WINDOW PROCESSING SYSTEM

PUB. NO.: 60-246477 [JP 60246477 A]
PUBLISHED: December 06, 1985 (19851206)
INVENTOR(s): AIZAKI YOSHIHIKO
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 59-103462 [JP 84103462]
FILED: May 22, 1984 (19840522)
INTL CLASS: [4] G06F-015/30
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD: R087 (PRECISION MACHINES -- Automatic Banking)
JOURNAL: Section: P, Section No. 453, Vol. 10, No. 119, Pg. 17, May
06, 1986 (19860506)

ABSTRACT

PURPOSE: To improve processing capability at the window by issuing a number card on which a discriminating number is put, for a **user** at the **time** of a payment processing, and also making the **user** receive a cash carried by a carrying carrier.

CONSTITUTION: When a **user** hands over a slip and a bankbook to a teller in order to request a transaction, the teller **inputs** a transaction **data** from a teller use terminal equipment 11, and transmits it to a controller 4. The controller 4 executes communication to a center, sends out a throw-out **command** of a payment amount to a cash throw-out machine 2a if the transaction is approved, and when loading of the cash of the throw-out

machine is ended, the controller 4 issues a bankbook printing **command** to the terminal equipment 11, also sends out an issue data to a number card issuing machine 13, and makes it issue a number card. The teller hands over the entered bankbook and the number card to the **user** and ends the **transaction processing**. Also, the controller 4 sends a carrying carrier loaded with the each to a cash receiving machine 6 by a carrying means 3, so that the **user** can receive the cash.

24/5/31 (Item 31 from file: 347)

DIALOG(R) File 347:JAPIO

(c) 2002 JPO & JAPIO. All rts. reserv.

01520074 **Image available**

TRANSACTION DATA PROCESSING SYSTEM

PUB. NO.: 59-231674 [JP 59231674 A]

PUBLISHED: December 26, 1984 (19841226)

INVENTOR(s): TANAKA HIROSHI

MASUMOTO SUSUMU

SAITO YUTAKA

APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 58-107128 [JP 83107128]

FILED: June 15, 1983 (19830615)

INTL CLASS: [3] G06F-015/21

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 29.4 (PRECISION INSTRUMENTS -- Business Machines)

JOURNAL: Section: P, Section No. 355, Vol. 09, No. 109, Pg. 136, May 14, 1985 (19850514)

ABSTRACT

PURPOSE: To sum up the sales of transaction **data** automatically by **inputting** transaction **data** at the 1st point of **time** when a transaction is closed, and inputting only a slip issue number regarding the transaction at the 2nd point of **time** of the settlement of accounts of the transaction.

CONSTITUTION: When a transaction contract with a **customer** is made, a request C for the issue number of a slip 5 is sent from the side of a POS1 to a center 3. The center 3 sends the issue number A to the POS1 and also writes in a file 9. The POS1 prints the issue number A, transaction data T, and total amount S on the slip 5, and sends the transaction data T and total amount S to the center 3 to write them in the file 9. Then, when the accounts of the transaction with the **customer** are settled, a control part 10 sets the total amount S in a register 11 and also sends the issue number A to the center 3; and the number is used as a key to access the file 9, and the total amount S is read and sent to the POS1. the POS1 compares it with the contents of the register 11 to send an OK **signal** to the center 3 when they coincide with each other, and a processing part 6 sums up data in the file 9 and outputs the total data on a printer 12.

24/5/32 (Item 32 from file: 347)

DIALOG(R) File 347:JAPIO

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01486361 **Image available**

OPERATION SYSTEM OF **SELLING DATA PROCESSING DEVICE**

PUB. NO.: 59-197961 [JP 59197961 A]
PUBLISHED: November 09, 1984 (19841109)
INVENTOR(s): TSUZUKI HANZO
APPLICANT(s): CASIO COMPUT CO LTD [350750] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 58-048759 [JP 8348759]
FILED: March 25, 1983 (19830325)
INTL CLASS: [3] G06F-015/21; G07G-001/00
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 29.4 (PRECISION INSTRUMENTS -- Business Machines)
JOURNAL: Section: P, Section No. 342, Vol. 09, No. 62, Pg. 166, March 19, 1985 (19850319)

ABSTRACT

PURPOSE: To allow to change a part of a program at the **user** side by providing an arithmetic unit which accumulates **inputted** selling **data** in a summed data storage circuit and, at the same **time**, executes an operation in accordance with an arithmetic instruction data in an area designated by designated data.

CONSTITUTION: Key- **input** **data** outputted from an input section 1 in corresponding to each key and mode appointing data outputted from the input section 1 in cooresponding to each change-over position of a mode change-over key are inputted into a CPU 2. The CPU 2 consists of a microprocessor which controls various operations in accordance with a microinstruction stored in advance, and is connected with a departmental sum total memory 3 and a **command** memory 4. Each of the memories 3 and 4 is composed of an RAM. **Inputted** selling **data** are sent to the commodity-wise sum total memory 3 and, at the same **time**, sent to an operation section 2d where the data are operated in accordance with the arithmetic instruction data in an area designated by the designated data.

24/5/33 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX
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014711945 **Image available**
WPI Acc No: 2002-532649/200257
XRPX Acc No: N02-421867

Password collation method for processing electronic transaction , involves changing positions of some characters and numbers in user input password, and storing changed positional data

Patent Assignee: DAINIPPON PRINTING CO LTD (NIPQ)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002150242	A	20020524	JP 2000348896	A	20001116	200257 B

Priority Applications (No Type Date): JP 2000348896 A 20001116

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002150242	A		6 G06K-017/00	

Abstract (Basic): JP 2002150242 A

NOVELTY - The positions of some characters and numbers included in a **user** input password, are changed and the changed positional information is stored in an IC card along with password **input** frequency **data** . The information corresponding to the **user** 's password is collated with the **stored** **data** for **processing**

transactions each time .

USE - For collating password for processing electronic transaction of goods.

ADVANTAGE - Ensures higher security for transactions, as the original password is not used directly but is transposed before using for authorization purposes.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart explaining the password collation method. (Drawing includes non-English language text).

pp; 6 DwgNo 4/10

Title Terms: PASSWORD; COLLATE; METHOD; PROCESS; ELECTRONIC; TRANSACTION; CHANGE; POSITION; CHARACTER; NUMBER; **USER** ; INPUT; PASSWORD; STORAGE; CHANGE; POSITION; DATA

Derwent Class: T01; T04; T05

International Patent Class (Main): G06K-017/00

International Patent Class (Additional): **G06F-017/60** ; G07D-009/00;

G07G-001/12

File Segment: EPI

24/5/34 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014459949 **Image available**

WPI Acc No: 2002-280652/200232

XRPX Acc No: N02-219205

Data processing system for processing transaction data for automatic invoicing in telecommunication industry has structure of managers in form of software modules for control of gates, message queues, databases and processing unit

Patent Assignee: KONINK KPN NV (NEPO)

Inventor: BRUIJNING J

Number of Countries: 095 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200210997	A1	20020207	WO 2001EP8774	A	20010730	200232 B
NL 1015854	C2	20020205	NL 20001015854	A	20000802	200232
AU 200191698	A	20020213	AU 200191698	A	20010730	200238

Priority Applications (No Type Date): NL 20001015854 A 20000802

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200210997 A1 E 37 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

NL 1015854 C2 G06F-017/60

AU 200191698 A G06F-017/60 Based on patent WO 200210997

Abstract (Basic): WO 200210997 A1

NOVELTY - One or more input interfaces (MQ(0);I(1),I(2)) provide an input transaction data stream to the data processing system. Output data interfaces (MQ(4); O(1),O(2)) output an output transaction data stream. Memory units (MQ(0-4);DB) store intermediate transaction processing data. The computer includes one or more series of **transaction data processing** units (G(1-5))arranged to continuously

process available **input** transaction **data** streams.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for

(1) a method for processing transaction data

(2) a method of checking correctness of a transaction process.

USE - For processing transaction data for automatic invoicing in telecommunications industry.

ADVANTAGE - Performs transaction process on transaction input data streams on an **individual** basis in a limited **time**

DESCRIPTION OF DRAWING(S) - The figure shows the software architecture.

Computer (G(1-5))

Input interfaces (MQ(0;I(1),I(2)))

Output interfaces (MQ(4; O(1),O(2)))

Memory units. (MQ(0-4;DB))

pp; 37 DwgNo 3/4

Title Terms: DATA; PROCESS; SYSTEM; PROCESS; TRANSACTION; DATA; AUTOMATIC; INVOICING; TELECOMMUNICATION; INDUSTRIAL; STRUCTURE; FORM; SOFTWARE; MODULE; CONTROL; GATE; MESSAGE; QUEUE; PROCESS; UNIT

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

24/5/35 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014395427 **Image available**

WPI Acc No: 2002-216130/200227

XRPX Acc No: N02-165626

Order **information** processing **method** for **manufacturing resource planning system**, involves **delivering immediately required products to customer directly based on standard order received from customer**

Patent Assignee: HERMAN D K (HERM-I)

Inventor: HERMAN D K

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020019780	A1	20020214	US 2000224134	P	20000810	200227 B
			US 2001880788	A	20010615	

Priority Applications (No Type Date): US 2000224134 P 20000810; US 2001880788 A 20010615

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20020019780	A1		11	G06F-017/60	Provisional application US 2000224134
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Abstract (Basic): US 20020019780 A1

NOVELTY - A pull order including **predicted quantity** of products and predicted date on which the products are required by the customer, is generated based on the projected requirement received from a customer. A standard order representing the immediate quantity requirement is received from customer. The required quantity is decremented from predicted and is directly delivered to the customer.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for system for **processing order** information.

USE - For **processing order** information from the customer for manufacturing resource planning (MRP) system.

ADVANTAGE - The responsiveness and flexibility of the MRP system is improved by **processing the order** information effectively while

reducing the manual intervention.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining Just-In-Time manufacturing method utilizing pull orders.

pp; 11 DwgNo 3/5

Title Terms: ORDER; INFORMATION; PROCESS; METHOD; MANUFACTURE; RESOURCE; PLAN; SYSTEM; DELIVER; IMMEDIATE; REQUIRE; PRODUCT; CUSTOMER; BASED; STANDARD; ORDER; RECEIVE; CUSTOMER

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

24/5/36 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014252854 **Image available**

WPI Acc No: 2002-073554/200210

Community system for dairy information and commodity supply using internet

Patent Assignee: BYUN K D (BYUN-I)

Inventor: BYUN K D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001074032	A	20010804	KR 200087298	A	20001230	200210 B

Priority Applications (No Type Date): KR 200087298 A 20001230

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001074032	A	1	G06F-017/60	

Abstract (Basic): KR 2001074032 A

NOVELTY - A community system for dairy information and a commodity supply using the Internet is provided to offer all sorts of information to a dairy business man in real time using the Internet.

DETAILED DESCRIPTION - A **client** (100) is connected to the Internet and receives information, and performs an order in accordance with the information. A central server(200) permits a connection in accordance with a connection request, and provides information to the **client** and processes an order request. A **member** database(300) joins to a **member** in the central server(200) and stores personal information. A feed information database(400) storing information with respect to a feed necessary to the dairy is provided in accordance with the **client**. A selling module(500) decides a purchase by referring to the feed information database(400) and is executed for **processing** the **purchase order** in accordance with the requesting the purchase to the central server(200). A selling **information** database(600) **stores** a selling result with respect to the purchase requesting performed by the selling module(500). A dairy information database(700) is stored in the central server(200) and stores material information, feed information, raising information, and market information.

pp; 1 DwgNo 1/10

Title Terms: COMMUNAL; SYSTEM; DAIRY; INFORMATION; COMMODITY; SUPPLY

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

24/5/37 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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013870429 **Image available**
WPI Acc No: 2001-354641/200137
XRPX Acc No: N01-257691

Electronic commodity purchasing method

Patent Assignee: SONY CORP (SONY)
Inventor: HAMADA H; IMAI K; YOSHIDA J
Number of Countries: 002 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
WO 200116822 A1 20010308 WO 2000JP5884 A 20000830 200137 B

Priority Applications (No Type Date): JP 99247620 A 19990901

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
WO 200116822 A1 J 38 G06F-017/60
Designated States (National): JP US

Abstract (Basic): WO 200116822 A1

NOVELTY - An electronic method for purchasing a commodity by which payment on credit is simple and reliable when a commodity is purchased by on-line shopping over the Internet. Only when a **user** purchases a commodity by credit for the first **time**, the **user** is required to input necessary items through a terminal, and a contract is made by exchanging the contracts using the **inputted data**. The server **stores data** about **users** purchasing commodities. When one of the **users** carries out **processing** to **purchase** a commodity, the server carries out setting concerning the payment of the purchase using the **data stored** in the server. If the **user** selects payment by credit, the server requests the **user** to send a contract and formally accepts the order of the commodity when the contract is sent to the server. When the **user** is already a contractor, the server formally accepts the order without requesting the **user** to send a contract. If the **user** selects payment by credit, the results of simulation of the payment is displayed on the screen of a terminal and the purchase is determined after the display.

USE - Electronic commodity purchasing method

DESCRIPTION OF DRAWING(S) - Internet (50)

Commodity shipping unit (23)

Supplier web (21)

Supplier server (22)

Collecting/inputting unit (34)

Printing unit (33)

Credit company server (31)

Data judging unit (32)

Search data (40)

pp; 38 DwgNo 1/8

Title Terms: ELECTRONIC; COMMODITY; PURCHASE; METHOD

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI.

24/5/38 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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013746787 **Image available**

WPI Acc No: 2001-231016/200124

XRPX Acc No: N01-164750

Electronic cash register executes processing program based on individual and automatic identification data stored in hard disk drive and electrically erasable programmable read only memory

Patent Assignee: TOKYO ELECTRIC CO LTD (TODK)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001034848	A	20010209	JP 99209188	A	19990723	200124 B

Priority Applications (No Type Date): JP 99209188 A 19990723

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001034848	A	10	G07G-001/12	

Abstract (Basic): JP 2001034848 A

NOVELTY - A hard disk drive (111) **stores individual** identification data , **individual** setting data and goods **selling** data **processing** program. EEPROM (104) **stores** automatic identification data . Processing program is executed when **individual** and automatic identification data are in accord. The execution is stopped and processing of program is reinitialized after modifying **individual** setting data, when the data differ.

DETAILED DESCRIPTION - The **individual** setting data are store name, telephone number, register number, **person** incharge number, etc.

USE - For managing goods sale.

ADVANTAGE - Since the processing program is executed based on **individual** and automatic identification data stored in HDD, EEPROM respectively, the starting **time** of program implementation is shortened, cost is reduced and handling is done simply without investigating the content to be set-up, by modifying only the **individual** setting data.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of electronic cash register.

EEPROM (104)

Hard disk drive (111)

pp; 10 DwgNo 1/3

Title Terms: ELECTRONIC; CASH; REGISTER; EXECUTE; PROCESS; PROGRAM; BASED; **INDIVIDUAL** ; AUTOMATIC; IDENTIFY; DATA; STORAGE; HARD; DISC; DRIVE; ELECTRIC; ERASE; PROGRAM; READ; MEMORY

Derwent Class: T01; T05

International Patent Class~(Main): G07G-001/12

International Patent Class (Additional): **G06F-017/60** ; G07G-001/14

File Segment: EPI

24/5/39 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013556451 **Image available**

WPI Acc No: 2001-040658/200105

XRPX Acc No: N01-030323

Data collecting, analyzing and display method for database management in enterprises, involves transforming and analyzing input data extracted from database and displaying transformed data

Patent Assignee: SIEBEL SYSTEMS INC (SIEB-N); LEE M (LEEM-I); STIRRUP A (STIR-I)

Inventor: LEE M M; STIRRUP A; LEE M
Number of Countries: 091 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200052553	A2	20000908	WO 2000US5620	A	20000303	200105 B
AU 200037211	A	20000921	AU 200037211	A	20000303	200105
EP 1212668	A2	20020612	EP 2000916047	A	20000303	200239
			WO 2000US5620	A	20000303	
US 20020072951	A1	20020613	US 99261773	A	19990303	200243
JP 2002538545	W	20021112	JP 2000602908	A	20000303	200275
			WO 2000US5620	A	20000303	

Priority Applications (No Type Date): US 99261773 A 19990303

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200052553	A2	E	20	G06F-000/00	
Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW					
AU 200037211	A			G06F-000/00	Based on patent WO 200052553
EP 1212668	A2	E		G06F-001/00	Based on patent WO 200052553
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
US 20020072951	A1			G06F-017/60	
JP 2002538545	W		25	G06F-017/30	Based on patent WO 200052553

Abstract (Basic): WO 200052553 A2

NOVELTY - The input data extracted from a database, is transformed into star schema for subsequent analysis. The extracted and transformed data is analyzed and then displayed.

DETAILED DESCRIPTION - The **input data** includes one or more of online **transaction processing** data, external data and legacy data. The data transformed after extraction, is analyzed by performing one or more of queries, and adhoc queries on the data and narratives and briefing from the data. INDEPENDENT CLAIMS are also included for the following:

- (a) data collection, analysis and display system;
- (b) data collection, analysis and display program

USE - For database management in enterprises.

ADVANTAGE - Data may be continuously updated or updated upon reloading, hence enhancing rapid extraction, transformation and analysis of input data. Briefings capability provides large summaries on specific topics such as products, **customers** and campaign. **Customer** analysis enables marketing analysts to determine the value of **customers** in terms of revenue, profitability and purchasing frequency. Campaign analysis provides comprehensive insight into how and where leads are generated, most effective sources of leads and how successful marketing campaigns lead to increased sales. Marketing analysts can also review the trends in average prices, costs, profitability over **time** by product, **customer** or **customer** segment. The **customer** briefing is excellent way to obtain a comprehensive update on **customers**, their buying patterns, their satisfaction with products and even the frequency in which they consider buying from specific vendors.

DESCRIPTION OF DRAWING(S) - The figure shows the screen print of campaign analysis and campaign briefing applications.

pp; 20 DwgNo 1/3

Title Terms: DATA; COLLECT; DISPLAY; METHOD; DATABASE; MANAGEMENT;

TRANSFORM; INPUT; DATA; EXTRACT; DATABASE; DISPLAY; TRANSFORM; DATA
Derwent Class: T01
International Patent Class (Main): G06F-000/00; G06F-001/00; G06F-017/30;
G06F-017/60
International Patent Class (Additional): G06F-019/00
File Segment: EPI

24/5/40 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013019550 **Image available**
WPI Acc No: 2000-191401/200017
XRPX Acc No: N00-142536

Purchase order processing system for large-scale restaurants, judges received customer information from handy terminal with accounting information of customer, for alerting accountant about unsettled accounts

Patent Assignee: TOKYO ELECTRIC CO LTD (TODK)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000035993	A	20000202	JP 98201795	A	1998071	200017 B

Priority Applications (No Type Date): JP 98201795 A 19980716

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000035993	A	13	G06F-017/60	

Abstract (Basic): JP 2000035993 A

NOVELTY - An electronic-cash register (40) stores **customer** and purchase order information from a handy terminal (50). Then, the accounting information corresponding to **customer** bill number is detected to be stored in respective file. When judged that accounting information is not stored, clocking is performed and an accountant is alerted about the unsettled accounts, by changes made in table screen display (42). DETAILED DESCRIPTION - Printers (20,30) print **customer** bills based on purchase order information from a handy terminal. A table map contains accounting information storing table and positional information storing table which in turn contains completed accounting information and positional information, respectively. The table screen display displays the changes based on table map information. An accountant is alerted by change in table screen display corresponding to accounting information for indicating the unsettled accounts.

USE - For large-scale restaurants.

ADVANTAGE - Alerting the unsettled accounts of a **customer** in a predetermined **time** is effectively performed by indicating the changes in table screen display corresponding to accounting **information** storing table. DESCRIPTION OF DRAWING(S) - The figure shows the components of **purchase order processing** system. (20,30) Printers; (40) Electronic-cash register; (42) Table screen display; (50) Handy terminal.

Dwg.1/17

Title Terms: PURCHASE; ORDER; PROCESS; SYSTEM; SCALE; RESTAURANT; JUDGEMENT
; RECEIVE; **CUSTOMER** ; INFORMATION; HANDY; TERMINAL; ACCOUNT; INFORMATION
; **CUSTOMER** ; ALERT; UNSETTLE; ACCOUNT

Derwent Class: T01; T05

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): G07G-001/12

File Segment: EPI

24/5/41 (Item 9 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012584810 **Image available**

WPI Acc No: 1999-390917/199933

XRPX Acc No: N99-293310

Customer service management system in goods selling data processor -
re-calculates acquisition time point based on total acquisition point
and additional multiplying factor to provide new acquisition point to
customer

Patent Assignee: TOKYO ELECTRIC CO LTD (TODK)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11154182	A	19990608	JP 97321840	A	19971125	199933 B

Priority Applications (No Type Date): JP 97321840 A 19971125

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11154182	A	10	G06F-017/60	

Abstract (Basic): JP 11154182 A

NOVELTY - A point reabsorption unit (21) recalculate the
acquisition time point, for every customer using the extracted
additional multiplying factor. The new acquisition point is forwarded
to a terminal (10) from the higher-order machine and is provided to
customer . DETAILED DESCRIPTION - A customer point master file (23M)
comprised in a higher order machine (20), stores the total acquisition
time point for every customer . An additional scale factor extract
controller performs extract of additional multiplying factor
corresponding to the total acquisition point. INDEPENDENT CLAIMS are
also included for the following: goods selling data processing
procedure; recording medium stored with data processing program.

USE - In goods selling data processor.

ADVANTAGE - The tracking property opposing to purchasing is high
due to accurate pertinent service differentiation. DESCRIPTION OF
DRAWING(S) - The figure shows a block diagram of the goods selling data
processor. (10) Terminal; (20) Higher-order machine; (21) Point
reabsorption unit; (23M) Customer point master file.

Dwg.1/8

Title Terms: CUSTOMER ; SERVICE; MANAGEMENT; SYSTEM; GOODS; SELL; DATA;
PROCESSOR; CALCULATE; ACQUIRE; TIME ; POINT; BASED; TOTAL; ACQUIRE;
POINT; ADD; MULTIPLICATION; FACTOR; NEW; ACQUIRE; POINT; CUSTOMER

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G07G-001/12

File Segment: EPI

24/5/42 (Item 10 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012365801 **Image available**

WPI Acc No: 1999-171908/199915

XRPX Acc No: N99-125931

Electronic cash register used in restaurant - includes subtotal key and grand total key based on whose operation, display of tariff comprising main and sub codes for each item is modified

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU); MATSUSHITA ELECTRIC IND CO LTD (MATU)

Inventor: IGUCHI K

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11025354	A	19990129	JP 97173978	A	19970630	199915 B
US 6085167	A	20000704	US 9864097	A	19980422	200036

Priority Applications (No Type Date): JP 97173978 A 19970630

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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JP 11025354	A		13	G07G-001/01	
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US 6085167	A			G06F-017/60	
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Abstract (Basic): JP 11025354 A

NOVELTY - A tariff comprising main code and sub-code for each item, is stored. A judging unit judges whether the input is for taking orders or for accounting based on operation of a sub- total key or a grand total key. Based on the key pressed, the contents of display is modified. DETAILED DESCRIPTION - When the sub-total key is pressed, an assortment of items is displayed with the main codes and sub- code for registering in stock list. When the grand total key is pressed, the items with identical main codes and indicating the grand total of the bill value is displayed. The display are modified according to operation situation of the keys.

USE - In restaurant.

ADVANTAGE - Reduces mistake of identification of goods and **processing time** of **purchase** order. DESCRIPTION OF DRAWING(S) - The drawing shows key operation of electronic cash register.

Dwg.2/17

Title Terms: ELECTRONIC; CASH; REGISTER; RESTAURANT; TOTAL; KEY; GRAND; TOTAL; KEY; BASED; OPERATE; DISPLAY; TARIFF; COMPRISE; MAIN; SUB; CODE; ITEM; MODIFIED

Derwent Class: T05

International Patent Class (Main): G06F-017/60; G07G-001/01

International Patent Class (Additional): G07G-001/12

File Segment: EPI

24/5/43 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011816061 **Image available**

WPI Acc No: 1998-232971/199821

XRPX Acc No: N98-184606

Image signal padding method e.g. for coding and decoding digital image - dividing image signal of object having arbitrary shape into several regions which are processed in prescribed processing order and padding insignificant region which abuts on boundary region including boundary of object

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (MATU); MATSUSHITA DENKI SANGYO KK (MATU)

Inventor: BOON C S; TAKAHASHI J

Number of Countries: 023 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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EP 838953	A2	19980429	EP 97118423	A	19971023	199821	B
JP 10191339	A	19980721	JP 96331760	A	19961212	199839	
JP 10191361	A	19980721	JP 97292492	A	19971024	199839	
CN 1197251	A	19981028	CN 97126473	A	19971024	199911	
KR 98033152	A	19980725	KR 9754825	A	19971024	199932	
TW 366648	A	19990811	TW 97115592	A	19971022	200032	
US 6078694	A	20000620	US 97956372	A	19971023	200035	
KR 257614	B1	20000601	KR 9754825	A	19971024	200130	

Priority Applications (No Type Date): JP 96281975 A 19961024

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 838953	A2	E	44	H04N-007/30	
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Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE

JP 10191339	A	21	H04N-007/32
JP 10191361	A	32	H04N-007/32
CN 1197251	A		G06T-009/00
KR 98033152	A		H04N-007/24
TW 366648	A		H04N-001/417
US 6078694	A		G06K-009/36
KR 257614	B1		H04N-007/24

Abstract (Basic): EP 838953 A

The method involves dividing an image signal of an object having an arbitrary shape into several regions. The regions are processed in prescribed in prescribed **processing order**. An insignificant region is padded, which abuts on a boundary region including a boundary of the object and is composed of insignificant pixels only, with a padding value obtained by a prescribed method. The image signal is output.

Additional information is generated which shows whether significant pixels are included or not, for each of the several regions, by a prescribed method, with reference to significant signals showing whether pixel values included in the several regions are significant or not. The pixel values are padded in the several regions with reference to the additional information.

ADVANTAGE - Reduced delay time and reduced arithmetic **amount**.
Generates **prediction** signal of less error for image which moves greatly.

Dwg.1/25

Title Terms: IMAGE; SIGNAL; PAD; METHOD; CODE; DECODE; DIGITAL; IMAGE;
DIVIDE; IMAGE; SIGNAL; OBJECT; ARBITRARY; SHAPE; REGION; PROCESS;
PRESCRIBED; PROCESS; ORDER; PAD; INSIGNIFICANT; REGION; ABUT; BOUNDARY;
REGION; BOUNDARY; OBJECT

Derwent Class: W02; W04

International Patent Class (Main): G06K-009/36; G06T-009/00; H04N-001/417;
H04N-007/24; H04N-007/30; H04N-007/32

International Patent Class (Additional)*: G06T-001/00; H03M-007/30;
H03M-007/36; H04N-001/41; H04N-007/137

File Segment: EPI

24/5/44 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011802420 **Image available**

WPI Acc No: 1998-219330/199820

XRPX Acc No: N98-173439

**Accounting processor apparatus for automated management control system -
has storage unit and processing unit which stores transaction data and**

displays transaction data, checking whether it is to be balance deducted

Patent Assignee: SAMSUNG ELECTRONICS CO LTD (SMSU)

Inventor: PARK J; PARK J H

Number of Countries: 027 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 837410	A2	19980422	EP 97118255	A	19971021	199820 B
JP 10187833	A	19980721	JP 97288843	A	19971021	199839
KR 98032207	A	19980725	KR 9730825	A	19970703	199931
US 6058375	A	20000502	US 97954584	A	19971020	200029
KR 230455	B1	19991115	KR 9730825	A	19970703	200111
CN 1188941	A	19980729	CN 97121168	A	19971020	200271

Priority Applications (No Type Date): KR 9730825 A 19970703; KR 9647316 A 19961021

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 837410 A2 E 57 G06F-017/60

Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI LT LU LV MC NL PT RO SE SI

JP 10187833 A 42 G06F-017/60

KR 98032207 A G06F-017/50

US 6058375 A G06F-017/60

KR 230455 B1 G06F-017/50

CN 1188941 A G06F-017/60

Abstract (Basic): EP 837410 A

The apparatus includes a display/input unit, a storage unit and a processing unit. The display/input unit displays an input screen of predetermined transaction data and a balance details screen for the balance operation. It selects a predetermined menu supplied from the screen or inputs the transaction data. The storage device includes a transaction data storage portion. An accounting ledger storage portion stores account information account-processed for financial management, debit/credit information and predetermined standard management information with at least a transaction amount. A balance-by-account storage portion stores accounts corresponding to results of the balancing operation and predetermined standard information with at least a **transaction** amount. The **processing** unit includes a first processing portion which displays a transaction **data input** screen on the display/input unit. It checking whether the input transaction data is to be balance-deducted and storing the input transaction data into the transaction data storage portion. A transaction classifying portion generates corresponding account information and debit/credit position information from the transaction information, transaction terms information and the related standard management information stored in the transaction data storage portion.

A journal processing portion classifies and summing the account information, the debit/credit position information and the predetermined standard management information into a debit side and a credit side, storing it in the accounting ledger storage portion. It determines whether the transaction data is to be balancing-operated. A balancing operation processing portion displays balance details of the relevant **customer** for the accounts corresponding to the transaction data if the transaction data is determined to be balance-deducted in the first processing portion. It classifies the data to be balancing-operated into data to be balance-summed and data to be balance-deducted. It sums the data to be balance-summed to the balance details of the relevant **customer** for the corresponding account, deducts the data to be balance-deducted from the balance details and stores the result in the balance-by-account storage portion.

USE - For performing accounting process on real time basis.
ADVANTAGE - Operates automatically.
Dwg.1/10

Title Terms: ACCOUNT; PROCESSOR; APPARATUS; AUTOMATIC; MANAGEMENT; CONTROL;
SYSTEM; STORAGE; UNIT; PROCESS; UNIT; STORAGE; TRANSACTION; DATA; DISPLAY
; TRANSACTION; DATA; CHECK; BALANCE

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/50; **G06F-017/60**

International Patent Class (Additional): G06F-003/14

File Segment: EPI

24/5/45 (Item 13 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011563145 **Image available**

WPI Acc No: 1997-539626/199750

XRAM Acc No: C97-172775

XRPX Acc No: N97-449075

**Production planning system for rolling mill in steel manufacture -
performs matching display of chart showing planned production quantity
within allotted processing time and chart showing processing capacity of
equipment for predetermined time**

Patent Assignee: SUMITOMO METAL IND LTD (SUMQ)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9218897	A	19970819	JP 9624261	A	19960209	199750 B

Priority Applications (No Type Date): JP 9624261 A 19960209

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9218897	A		10	G06F-017/60	

Abstract (Basic): JP 9218897 A

The system has a first memory (2) which stores the amount of production targets for every processing contents used in second product finish processing process. A second memory stores the processing capacity of the equipment used in the first process. A forecasting part (8) performs **forecasting** of production **quantity** of the product, based on the predetermined finished product production information. The number corresponds to the stored amount of production targets and the processing duration of number of contents corresponds to the **forecast amount** of production quantity. An allotment unit assigns the processing time of each half-finished product. An alteration unit alters the production quantity within predetermined contents **processing** time, in **order** to smoothen the load of the processing equipment. A display (12) performs matching display of the chart which shows the planned production quantity within the allotted processing time, and a chart which shows the stored processing capacity of the equipment for predetermined time.

ADVANTAGE - Enables to smoothen load of equipment and to adjust planned production quantity based on displayed contents. Enables to obtain production plan, quickly.

Dwg.1/8

Title Terms: PRODUCE; PLAN; SYSTEM; ROLL; MILL; STEEL; MANUFACTURE;
PERFORMANCE; MATCH; DISPLAY; CHART; PLAN; PRODUCE; QUANTITY; ALLOT;
PROCESS; TIME; CHART; PROCESS; CAPACITY; EQUIPMENT; PREDETERMINED; TIME
Derwent Class: M21; P51; P56

International Patent Class (Main): G06F-017/60
International Patent Class (Additional): B21B-037/00; B23Q-041/08
File Segment: CPI; EngPI

24/5/46 (Item 14 from file: 350)

DIALOG(R) File 350:Derwent WPIX
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011079539 **Image available**
WPI Acc No: 1997-057463/199706
XRPX Acc No: N97-047332

Transaction processing appts e.g. ATM used in bank, large/small scale stores, shopping centre, office - has control unit that calculates appropriate connection amount using fuzzy rule based on predicted cash loading amount

Patent Assignee: OMRON KK (OMRO)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8305928	A	19961122	JP 95132660	A	19950501	199706 B

Priority Applications (No Type Date): JP 95132660 A 19950501

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8305928	A		7	G07D-009/00	

Abstract (Basic): JP 8305928 A

The appts **predicts** the loading **amount** of cash that is used in transaction based on the information regarding the place where it is installed. A control unit calculates the appropriate correction amount using fuzzy logic and its rules based on the **predicted** cash loading **amount**.

Then, the **predicted** cash loading **amount** is corrected using the calculated correction amount to obtain optimum cash loading amount.

ADVANTAGE - Facilitates continuous transaction. Detects optimum amount of cash to be loaded correctly. Eliminates futility of cash by compensating/nullifying excess and deficiency. Reduces recovery frequency of cash. Improves operating factor of **transaction processing** mechanism. Improves efficiency of loading operation of cash.

Dwg.1/10

Title Terms: TRANSACTION; PROCESS; APPARATUS; ATM; BANK; SCALE; STORAGE; SHOPPING; CENTRE; OFFICE; CONTROL; UNIT; CALCULATE; APPROPRIATE; CONNECT; AMOUNT; FUZZ; RULE; BASED; PREDICT; CASH; LOAD; AMOUNT

Derwent Class: T01; T05

International Patent Class (Main): G07D-009/00

International Patent Class (Additional): G06F-009/44; G06F-019/00;
G07D-001/00

File Segment: EPI

24/5/47 (Item 15 from file: 350)

DIALOG(R) File 350:Derwent WPIX
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010976886 **Image available**
WPI Acc No: 1996-473835/199647
XRPX Acc No: N96-399704

Telephone reservation system of automatic financial transaction equipment

e.g. for bank - uses transaction information read out module to read contents of transaction information memory by comparing input reservation number and assigned reservation number

Patent Assignee: HOKKAIDO OKI DENKI SYSTEMS KK (HOKK-N); OKI ELECTRIC IND CO LTD (OKID)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8241357	A	19960917	JP 9568624	A	19950302	199647 B

Priority Applications (No Type Date): JP 9568624 A 19950302

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8241357	A	9	G06F-019/00	

Abstract (Basic): JP 8241357 A

The telephone reservation system includes a reservation number assignment module (5). The **customer** feeds the transaction information using a pushbutton telephone appts (21,22). The resulting **signal** is detected by a **signal** detector (1) and converted by a **signal** converters (2). The voice output device outputs guidance **information** corresponding to **input data** and it is transmitted through the telephone circuit.

The reservation number assignment module assigns a reservation number for each transaction data stored in memory. Then, the transaction data read out device reads the transaction data stored in memory by comparing the assigned reservation number and the input reservation number.

USE/ADVANTAGE - For **processing transactions** e.g. for automatic teller machine. Does not need complex key operations. Shortens operation **time** . Reduces waiting **time** .

Dwg.1/7

Title Terms: TELEPHONE; RESERVE; SYSTEM; AUTOMATIC; FINANCIAL; TRANSACTION; EQUIPMENT; BANK; TRANSACTION; INFORMATION; READ; MODULE; READ; CONTENT; TRANSACTION; INFORMATION; MEMORY; COMPARE; INPUT; RESERVE; NUMBER; ASSIGN ; RESERVE; NUMBER

Index Terms/Additional Words: ATM

Derwent Class: T01; T05; W01

International Patent Class (Main): G06F-019/00

International Patent Class (Additional): H04M-011/00

File Segment: EPI

24/5/48 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010959740

WPI Acc No: 1996-456689/199646

XRPX Acc No: N96-384843

Time **function generation** for such as smart card transactions - has individual **stations with time units linked to radio signal source that allows time of transaction to be determined and stored in card memory**

Patent Assignee: PLASTICARD ZFT GMBH (PLAS-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 29602656	U1	19961010	DE 96U2002656	U	19960215	199646 B

Priority Applications (No Type Date): DE 96U2002656 U 19960215

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
DE 29602656 U1 5 G07C-001/10

Abstract (Basic): DE 29602656 U

Mobile data carriers, e.g. smart cards, have a facility for logging the real **time** of data **transactions** and **processing** stations have the **time** generation function rather than being provided by a central facility. The **time** function has at least a clock, a read/write unit as well as an **input** for additional **data**.

The clock can receive **signals** from a radio clock source and then be synchronised to it. The card has sufficient memory to store data and the **time** information. The data can be processed and erased when transaction is complete.

ADVANTAGE - **Time** functions for such as smart cards.

Dwg.0/0

Title Terms: **TIME** ; FUNCTION; GENERATE; SMART; CARD; TRANSACTION;
INDIVIDUAL ; STATION; **TIME** ; UNIT; LINK; RADIO; **SIGNAL** ; SOURCE; ALLOW;
TIME ; TRANSACTION; DETERMINE; STORAGE; CARD; MEMORY

Derwent Class: T05

International Patent Class (Main): G07C-001/10

File Segment: EPI

24/5/49 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010950609 **Image available**

WPI Acc No: 1996-447559/199645

XRPX Acc No: N96-377162

Sale registration data processor e.g. computer, printer, indicator for customer , automatic opening-type drawer - has back-up power supply which provides capacitance to maintain control of power-off discrimination memory controller at time of signal detection interruption of command by electrical trouble detector

Patent Assignee: TOKYO ELECTRIC CO LTD (TODK)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8221483	A	19960830	JP 9522529	A	19950210	199645 B

Priority Applications (No Type Date): JP 9522529 A 19950210

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 8221483 A 8 G06F-017/60

Abstract (Basic): JP 8221483 A

The processor has a key **input data** memory which stores a key **input data** arranged in order by the key **input data** char file of a non-volatile memory. A power-off discrimination memory controller stores a **command** whose **signal** interruption is detected by an electrical trouble detector (52). A key distinction unit distinguishes if a power-off discrimination file is searched and the **command** is detected. A key **input data** read-out controller reads the key **input data** once it is distinguished by the key distinction unit.

A re-execution controller repeats the goods **selling** registration operation **processing** of a goods **selling** registration data **processing**

program counter based on the key **input data** read. A back-up power supply (51) provides a capacitance to support the power-off discrimination memory controller during detection **period** .

ADVANTAGE - E.g. for point of sale processing system. Improves operation efficiency by minimizing mental burden on costumer. Restores goods **selling** registration data **processing** due to suspension of **signal** interruption by electrical trouble detector. Provides reliable counter measure for electrical trouble detector to overcome **signal** interruption of **command** .

Dwg.1/4

Title Terms: SALE; REGISTER; DATA; PROCESSOR; COMPUTER; PRINT; INDICATE;
CUSTOMER ; AUTOMATIC; OPEN; TYPE; DRAWER; BACK; UP; POWER; SUPPLY;
CAPACITANCE; MAINTAIN; CONTROL; POWER; DISCRIMINATE; MEMORY; CONTROL;
TIME ; **SIGNAL** ; DETECT; INTERRUPT; **COMMAND** ; ELECTRIC; TROUBLE; DETECT
Derwent Class: T01; T05
International Patent Class (Main): G06F-017/60
International Patent Class (Additional): G06F-001/30
File Segment: EPI

24/5/50 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

010932660 **Image available**
WPI Acc No: 1996-429610/199643
XRPX Acc No: N96-361975

Order management system for multi kind goods such as dress, ornament, accessories, cloth, cosmetic, belt used in supermarket - has order unit performs coordination of order quantity of each goods based in predicted output from prediction unit

Patent Assignee: FUJITSU LTD (FUJIT); VAN DOME YAMADA KK (VAND-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8212262	A	19960820	JP 9519474	A	19950207	199643 B

Priority Applications (No Type Date): JP 9519474 A 19950207

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8212262	A		27	G06F-017/60	

Abstract (Basic): JP 8212262 A

The system performs **order processing** of goods based on sales date. The sales data is received through a number of input terminals (101). A memory unit (111) stores attribute information for the goods corresponding to previous year's.

A prediction unit (112) **predicts** sales **quantity** for current year, based on the attribute information stored in the memory unit. A order unit (113) carries out coordination of order quantity of each goods based on the prediction result.

ADVANTAGE - Performs strict order management. Aims at increase of sales. Estimates sales quantity of total year. Corrects sales transition pattern. Prevents unnecessary stocks loss.

Dwg.1/15

Title Terms: ORDER; MANAGEMENT; SYSTEM; MULTI; KIND; GOODS; DRESS; ORNAMENT
; ACCESSORY; CLOTH; COSMETIC; BELT; SUPERMARKET; ORDER; UNIT; PERFORMANCE
; COORDINATE; ORDER; QUANTITY; GOODS; BASED; PREDICT; OUTPUT; PREDICT;
UNIT

Index Terms/Additional Words: VENDING; MACHINE

Derwent Class: T01
International Patent Class (Main): G06F-017/60
International Patent Class (Additional): G06F-017/00
File Segment: EPI

24/5/51 (Item 19 from file: 350)

DIALOG(R) File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

010777377 **Image available**
WPI Acc No: 1996-274330/199628
XRPX Acc No: N96-230722

User operated transaction processing system - has gate antenna to
pick up radio recognition signal from card held by user

Patent Assignee: TOSHIBA KK (TOKE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8115377	A	19960507	JP 94251678	A	19941018	199628 B

Priority Applications (No Type Date): JP 94251678 A 19941018

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8115377	A	17	G06F-019/00	

Abstract (Basic): JP 8115377 A

The system involves the concept of not requiring manual **keying** in of **data** by the **user**. The **user** carrying a radio card is made to pass through an entrance leading to the space that accommodates a terminal equipment (ST13). The recognition **signal** from the card is then picked up by a gate antenna (ST11) installed at the entrance and output to the terminal equipment.

On the basis of the recognition **signal**, the terminal equipment notifies the host computer with transaction data pertinent to that **user** (ST17,ST23). If the **user** **inputs data** (ST24), the **user** transaction data from the RAM of the terminal equipments (ST26,ST27) is read out. The **transaction data processing** is then completed. Then the **user** passes out through the same entrance and accordingly the recognition **signal** is picked up by the gate antenna. The information is notified to the host computer after which it is erased from the memory of the terminal equipments (ST29,ST33).

ADVANTAGE - Shortens **transaction processing time**. Simplifies operation.

Dwg.1/11

Title Terms: **USER**; OPERATE; TRANSACTION; PROCESS; SYSTEM; GATE; ANTENNA;
PICK; UP; RADIO; RECOGNISE; **SIGNAL**; CARD; HELD; **USER**

Derwent Class: T01; T05; W01
International Patent Class (Main): G06F-019/00
International Patent Class (Additional): G06F-017/60; G06K-019/07;
G07D-001/00; G07F-019/00; H04Q-007/38
File Segment: EPI

24/5/52 (Item 20 from file: 350)

DIALOG(R) File 350:Derwent WPIX
(c) 2002 Thomson Derwent. All rts. reserv.

010663568 **Image available**
WPI Acc No: 1996-160522/199616

XRPX Acc No: N96-134440

**Transaction verification method for credit card transactions -
transmitting data relating to entity making transaction to remote
location to identify entity and assess approval of transaction**

Patent Assignee: SECURECARD TECHNOLOGY LTD (SECU-N)

Inventor: TAPANES E

Number of Countries: 064 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9607150	A1	19960307	WO 95AU344	A	19950609	199616 B
AU 9526653	A	19960322	AU 9526653	A	19950609	199626

Priority Applications (No Type Date): AU 947702 A 19940829

Cited Patents: 1.Jnl.Ref; DE 3721170; EP 219853; EP 334616; EP 517405; FR 2557328; FR 2606188; FR 2652664; US 4617457; WO 9203804

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9607150	A1	E	12	G06F-017/60	
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Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ UG

AU 9526653	A			G06F-017/60	Based on patent WO 9607150
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Abstract (Basic): WO 9607150 A

The method for verifying a **transaction** involves **processing** (20) a credit card, and **keying information** relating to the transaction into a keypad (26). The information on the card and the transaction is fed by a link (40) to a central computer (10) where data relating to the **person** owning the card is stored. The data e.g photographic data, signature data etc, is transmitted from the computer (10) over the communications link (40) to the processor (20) where the information is displayed on a screen (24) such that a visual record of the **person** making the transaction or the **persons** signature is displayed for a vendor.

The vendor then makes a comparison between the picture displayed on the screen (24) and the **person**, to verify the authenticity of the **person** or compares the signature with the signature specimen provided by the **person** at the **time** of the purchase.

USE/ADVANTAGE - Verifying transaction using e.g credit cards to overcome credit card fraud. Eliminates need for personal or confidential information to be stored on card such that cards cannot be tampered with or data in institutional database compromised.

Dwg.1/1

Title Terms: TRANSACTION; VERIFICATION; METHOD; CREDIT; CARD; TRANSACTION; TRANSMIT; DATA; RELATED; ENTITY; TRANSACTION; REMOTE; LOCATE; IDENTIFY; ENTITY; ASSESS; APPROVE; TRANSACTION

Derwent Class: T01; T04; T05

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-157/00; G07C-009/00

File Segment: EPI

24/5/53 (Item 21 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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010662206 **Image available**

WPI Acc No: 1996-159160/199616

XRPX Acc No: N96-133388

Data communication receiver - uses decision feedback demodulator to remove data from received signal, with received phase being rotated by amount predicted to compensate for phase and frequency errors

Patent Assignee: MOTOROLA INC (MOTI)

Inventor: BURDGE R J; CARSON L M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5497400	A	19960305	US 93161845	A	19931206	199616 B

Priority Applications (No Type Date): US 93161845 A 19931206

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5497400	A	11	H04L-027/14	

Abstract (Basic): US 5497400 A

The method for demodulating a received signal that has been modulated to convey discrete predetermined data codes in a stream of symbols, comprises estimating a phase error change for the received signal over past symbols, and estimating an average phase error for the received signal over past symbols. The average phase error and the phase error change are combined to form a merged phase error estimate, and it is decided which one of the discrete predetermined data codes is conveyed in the current symbol.

The decision is made in response to the received signal and to the merged phase error estimate, where the estimating an average phase error step is configured to generate an average phase error that lags the current symbol by X symbols, where X is a real number, and the estimating a change in phase error step is configured to determine phase change over approximately X symbols.

ADVANTAGE - Quickly acquires received signal. Avoids need for higher **order** mathematical **processing**. Doppler and noise influences are not aggravated.

Dwg.5/6

Title Terms: DATA; COMMUNICATE; RECEIVE; DECIDE; FEEDBACK; DEMODULATE; REMOVE; DATA; RECEIVE; SIGNAL; RECEIVE; PHASE; ROTATING; AMOUNT; PREDICT; COMPENSATE; PHASE; FREQUENCY; ERROR

Derwent Class: W01

International Patent Class (Main): H04L-027/14

International Patent Class (Additional): H04L-027/16; H04L-027/22

File Segment: EPI

24/5/54 (Item 22 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010343883 **Image available**

WPI Acc No: 1995-245971/199532

Related WPI Acc No: 1993-133968; 1993-272389; 1994-126691; 1994-217345; 1995-075345; 1995-089514; 1995-320125; 1997-086935; 1997-235479; 1997-319376; 1997-372348; 1997-424447; 1997-502622; 1997-558442; 2001-624573; 2002-009654; 2002-214992; 2002-360410; 2002-672991

XRPX Acc No: N95-191035

Differential customers retail establishment sale promotion system - has one or more transaction terminals coupled to transaction processor that stores customer data base and processes customer information request

Patent Assignee: CREDIT VERIFICATION CORP (CRED-N)

Inventor: DEATON D W; GABRIEL R G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5430644	A	19950704	US 89345475	A	19890501	199532 B
			US 92826255	A	19920124	
			US 92886382	A	19920519	
			US 94221622	A	19940330	
			US 94336880	A	19941109	

Priority Applications (No Type Date): US 92886382 A 19920519; US 89345475 A 19890501; US 92826255 A 19920124; US 94221622 A 19940330; US 94336880 A 19941109

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5430644	A		77	G06F-019/00	Cont of application US 89345475 CIP of application US 92826255 Cont of application US 92886382 Cont of application US 94221622 Cont of patent US 5305196

Abstract (Basic): US 5430644 A

The system includes a terminal for **entering customer transaction data** including **customers** ' unique identification codes at the point-of-sale. A bar code scanner is used for detecting the universal product code on products purchased by the **customers** . A memory stores the unique identification codes in association with the **customer transaction data** regarding a number of **individual customers** ' specific product items detected over a **period of time** .

A processor is responsive to the stored **customer transaction data** for generating incentive **signals** for different **customers** . The incentive **signals** designate product promotion awards for an **individual customer** based upon product items detected by the bar code scanner in the **individual customers** ' transactions prior to the current shopping visit.

USE/ADVANTAGE - In large number of **customers** ' **transaction processing** , for identifying new **customers** and finding their transactional patterns. Enables store to adopt risk management to check verification based on **customer transactional history** and to improve store marketing.

Dwg.2a/18

Title Terms: DIFFERENTIAL; **CUSTOMER** ; RETAIL; ESTABLISH; SALE; PROMOTE; SYSTEM; ONE; MORE; TRANSACTION; TERMINAL; COUPLE; TRANSACTION; PROCESSOR; STORAGE; **CUSTOMER** ; DATA; BASE; PROCESS; **CUSTOMER** ; INFORMATION; REQUEST

Derwent Class: T01; T05

International Patent Class (Main): G06F-019/00

File Segment: EPI

24/5/55 (Item 23 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008748256 **Image available**

WPI Acc No: 1991-252273/199134

XRPX Acc No: N91-192276

Conducting trading transactions with portable trading stations - receiving transaction data from personal transaction stations operated by traders and sends back verification info.

Patent Assignee: KRAMER R M (KRAM-I)

Inventor: KRAMER R M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5038284	A	19910806	US 88157963	A	19880217	199134 B

Priority Applications (No Type Date): US 88157963 A 19880217

Abstract (Basic): US 5038284 A

The system for **processing** open outcry **transactions** between opposing **traders** has several portable transaction station for converting manually **entered data** relating to the open outcry transactions into first transmissible **signals** and transmitting the first **signals** , and for receiving second **signals** and converting the second **signals** into visually perceptible displays. Information relating to transactions is produced and host receives and processes the **signals** and for transmitting the second **signals** . The host includes a processor for reconciling first **signals** representing agreed buy and sell transaction **data entered** by **traders** with first **signals** representing agreed buy and sell transaction **data entered** by opposing **traders** .

Correspondence between the agreed buy and sell transaction **data entered** by **traders** with agreed buy and sell transaction **data entered** by opposing **traders** is determined. The host transmits second **signals** relating to the correspondence to the portable transaction stations. The host transmits data relating to the transactions in real **time** . The **signals** respectively include portions identifying **traders** and opposing **traders** in agreed transactions. The second **signals** include portions identifying **traders** and opposing **traders** to whom the second **signals** are transmitted.

Dwg.7/23

Title Terms: CONDUCTING; TRADE; TRANSACTION; PORTABLE; TRADE; STATION; RECEIVE; TRANSACTION; DATA; **PERSON** ; TRANSACTION; STATION; OPERATE; SEND ; BACK; VERIFICATION

Derwent Class: T01

International Patent Class (Additional): G06F-015/20

File Segment: EPI

Set	Items	Description
S1	54	AU=(TANAKA H? OR TANAKA, H? OR IGUCHI K? OR IGUCHI, K?)
S2	22207728	TRANSACT? OR ORDER? OR TRADING OR TRADE? OR PURCHAS? OR BUYING OR SELLING
S3	245541	S2(2N)PROCESSING
S4	1082899	RESTAURANT?
S5	456078	(INPUT? OR IN()PUT???? OR ENTER? OR TYPING? OR KEYING) (2N)-(DATA? ? OR INFO OR INFORMATION)
S6	1337	S3(S)S4
S7	131	S6(20N) (TIME OR CALENDAR? OR DURATION OR PERIOD? OR DAY? ? OR WEEK???? OR HOURS OR MINUTES OR HOLIDAY? OR SEASON? ?)
S8	1124	S3(15N)S5
S9	24	S8(S) (FORECAST? OR PREDICT?)
S10	23	S8(S) (QUANTIT? OR AMOUNT?)
S11	0	S1 AND S3
S12	173	S7 OR S9 OR S10
S13	157	S12 NOT PD=19990128:20000128
S14	131	S13 NOT PD=20000128:20010128
S15	74	S14 NOT PD=20010128:20021101
S16	54	RD (unique items)

? show files

File 9:Business & Industry(R) Jul/1994-2002/Dec 03
(c) 2002 Resp. DB Svcs.

File 15:ABI/Inform(R) 1971-2002/Dec 04
(c) 2002 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2002/Dec 04
(c) 2002 The Gale Group

File 148:Gale Group Trade & Industry DB 1976-2002/Dec 02
(c)2002 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2002/Dec 04
(c) 2002 The Gale Group

File 621:Gale Group New Prod.Annou.(R) 1985-2002/Nov 28
(c) 2002 The Gale Group

File 636:Gale Group Newsletter DB(TM) 1987-2002/Dec 04
(c) 2002 The Gale Group

File 20:Dialog Global Reporter 1997-2002/Dec 04
(c) 2002 The Dialog Corp.

File 476:Financial Times Fulltext 1982-2002/Nov 22
(c) 2002 Financial Times Ltd

File 610:Business Wire 1999-2002/Dec 04
(c) 2002 Business Wire.

File 613:PR Newswire 1999-2002/Dec 04
(c) 2002 PR Newswire Association Inc

File 624:McGraw-Hill Publications 1985-2002/Nov 01
(c) 2002 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2002/Dec 03
(c) 2002 San Jose Mercury News

File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

16/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2002 Resp. DB Svcs. All rts. reserv.

03586861 (USE FORMAT 7 OR 9 FOR FULLTEXT)
NRA tech poll bolsters think-tank's 2010 forecast. (News).

Nation's Restaurant News, v 36, n 47, p 4
November 25, 2002
DOCUMENT TYPE: Journal; Survey ISSN: 0028-0518 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1515

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...that they would do so within the next year and 32 percent put their
upgrade **time** line at between one and three years.

BUSINESS FUNCTIONS PERFORMED BY COMPUTERS IN **RESTAURANTS**
(Percentage of respondents using computers for any business function)
Calculating profit/loss in-store 69%
Calculating payroll in-store 65%
Inventory management 63%
Accounts receivable/payable 63%
Time /attendance 63%
Processing customer **orders** 61%
Credit/debit card processing 61%
Labor scheduling 53%
Tracking customer patronage 34%
Printing paychecks...

16/3,K/2 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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02222852 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Behind AmEx's Merchant Push
(American Express Co has 15 mil cardholders with household incomes of
\$50,000/yr; its ESA partners sign around 7,000 merchant accounts/wk)
Credit Card Management, v 11, n 5, p 38+
August 1998
DOCUMENT TYPE: Journal; Company Overview ISSN: 0896-9329 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 2055

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...of AmEx cards by fast-food operations continues to be the need to speed
up **transaction - processing time**, House adds, noting "that's an area
we're working on." And, as with everyday...

16/3,K/3 (Item 3 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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01928426 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Survey - FT Telecoms: INTERNET SECURITY

(Consumers are largely unaware of improvements in Internet security, and therefore remain hesitant to use PCs for Internet commerce)

Financial Times Surveys Edition, p 08

September 10, 1997

DOCUMENT TYPE: Business Newspaper ISSN: 0307-1766 (United Kingdom)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1036

ABSTRACT:

...By June 1997 it had 60,000 customers and was executing 42,000 transactions a **day** . And it had cut the cost of **processing transactions** from about a dollar to 3 cents by getting the customer to enter their own
...

16/3,K/4 (Item 4 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

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01330057

Verifone Buying Provider Of Labor Tracking Tools

(Timecorp Systems, a provider of time-management software for employers, will be acquired by Verifone Inc)

American Banker, v CLX, n 216, p 15

November 08, 1995

DOCUMENT TYPE: Journal ISSN: 0002-7561 (United States)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

...the hospitality industry. These types of companies account for many of Verifone's customers for **transaction processing** systems. The acquisition is expected to completed by end-1995, at which **time** Timecorp will become a wholly-owned subsidiary of Verifone.
...

16/3,K/5 (Item 5 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

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01188147 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Holiday to automate sales-and-catering operation

(Holiday Inn Worldwide rolls out Delphi Newmarket Software sales and catering system for 86 hotels)

Hotel & Motel Management, v 210, n 8, p 24

May 08, 1995

DOCUMENT TYPE: Journal ISSN: 0018-6082 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 514

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...with good yield management."

In addition to creating bookings, the Delphi system seamlessly consolidates diaries, **forecast** books, banquet-event **orders** and word- **processing** documents. Once **data** is **entered** , it never has to be entered again.

"In our opinion, Delphi is the most comprehensive...

16/3,K/6 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01705621 03-56611
Personalized service at lower cost
Davey, Tom
Informationweek n700 PP: 173-177 Sep 14, 1998
ISSN: 8750-6874 JRNL CODE: IWK
WORD COUNT: 1866

TEXT: Headnote:

Hotels and **restaurants** turn to **transaction processing** and real- time communications to get a strategic edge

Managing a chain of restaurants may not match the...

... performs as she and other IT managers transform the restaurant and hospitality industries with real- time communications and **transaction processing** . Reilly manages 140 IT employees who oversee the technology underpinnings of all Darden's **restaurants** .

Reilly and other IT managers who handle hospitality on a large scale are exploiting new...

16/3,K/7 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01521088 01-72076
The cutting edge of purchasing
Nolan, Alexis
Supply Management v2n19 PP: 16-17 Sep 18, 1997
ISSN: 1362-2021 JRNL CODE: SMGT
WORD COUNT: 1305

...ABSTRACT: workwear and corporate clothing. Suppliers are now managing everything from design and specification work, through **processing** sales **orders** and delivery to employees. At the same **time** , clients want price and quality improvements. This pressure to improve while margins are forced down...

16/3,K/8 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01378805 00-29792
Boston Market moves FAST to cut food-service times
Sykes, Debra Claire
Stores v79n2 PP: 46-48 Feb 1997
ISSN: 0039-1867 JRNL CODE: STR

...ABSTRACT: introducing Faster Average Service Times, or F.A.S.T. Track. The new system for **order processing** is designed to serve up to double

the customers in nearly half the **time** , especially during peak **hours** , with fewer employees. More than 60% of Boston Market stores are expected to use the...

16/3,K/9 (Item 4 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)

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01329132 99-78528

The performance puzzle

Regester, Mark

Computer Technology Review v16n10 PP: 57 Oct 1996

ISSN: 0278-9647 JRNL CODE: CTN

WORD COUNT: 1484

...TEXT: size and are defined by the DBMS. A typical application might be a sales department **entering order information** .

Image **Processing** -This application involves moving large **amounts** of data and covers a wide range of applications. The files may be under the...

16/3,K/10 (Item 5 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)

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01155588 98-04983

Identifying the information requirements to deliver quality service

Berkley, Blair J; Gupta, Amit

International Journal of Service Industry Management v6n5 PP: 16-35 1995

ISSN: 0956-4233 JRNL CODE: SIM

WORD COUNT: 8478

...TEXT: and Cooper, 1992). At Red Lobster restaurants, waiting-on staff enter food orders into an **order processing** system. Kitchen staff input the **time** the order was ready (standard preparation **time** is ten **minutes**) and waiting-on staff input the time I the order was served (service standard is three **minutes** after order was ready). Any deviations from the standards are flagged by the **order processing** system. If an order is late, dining-room managers are able to identify it and...

16/3,K/11 (Item 6 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)

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01120677 97-70071

MPP vs. SMP

Bers, Joanna Smith

Bank Systems & Technology v32n10 PP: 30-35 Oct 1995

ISSN: 1045-9472 JRNL CODE: BSE

WORD COUNT: 1643

...ABSTRACT: architecture depends on which type of application a bank wants the technology to support, the **amount** of data that will be accessed, the number of users accessing the system, and the complexity of the **data** analysis. Where **enterprisewide data** warehousing lends itself to MPP, online **transaction** processing for a bank's ATM network, for example, performs better on SMP.

...TEXT: will be accessed, the number of users accessing the system and the complexity of the **data** analysis. Where **enterprise** -wide **data** warehousing, involving massive **amounts** of data, lends itself to MPP, on-line **transaction processing** (OLTP) for a bank's ATM network, for example, performs better on SMP, says Dan...

16/3,K/12 (Item 7 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00829693 94-79085

Gift certificates: The flexible incentive

Anonymous

Incentive v168n2 PP: GC-1-GC-30 Feb 1994

ISSN: 1042-5195 JRNL CODE: IMK

WORD COUNT: 8850

...TEXT: mail or fax. Standard mailing is first-class to the purchaser or recipient within 48 **hours**. Clients can arrange standing accounts with fax **ordering** and expedited **processing**. Other **restaurant** -related services can be arranged, including running an open-ended tab and locating private meeting....

16/3,K/13 (Item 8 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2002 ProQuest Info&Learning. All rts. reserv.

00640095 92-55035

Your Card, Please

Kasavana, Michael

Restaurant Business v91n14 PP: 264 Sep 20, 1992

ISSN: 0097-8043 JRNL CODE: RTB

WORD COUNT: 788

...ABSTRACT: manually transfer point-of-sale (POS)-captured information into a 2nd terminal, which can be **time** -consuming. This has led some vendors to develop independent **transactional processing** technology (TPT) systems.

16/3,K/14 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2002 The Gale Group. All rts. reserv.

05784142 Supplier Number: 50273440 (USE FORMAT 7 FOR FULLTEXT)

Hypercom Introduces Interactive 'Next Generation' Payment Processing Solutions in China.

Business Wire, p8311085

August 31, 1998

Language: English Record Type: Fulltext

Article Type: Article

Document Type: Newswire; Trade

Word Count: 633

... intuitive, touch-screen that guides diners through the payment process, and wireless communications for real- **time transaction processing** and authorization, ICE Portable allows consumers to quickly complete electronic payments at the point-of...

16/3,K/15 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

05783506 Supplier Number: 50272803 (USE FORMAT 7 FOR FULLTEXT)
Behind AmEx's Merchant Push
Punch, Linda
Credit Card Management, p38
August, 1998
Language: English Record Type: Fulltext
Article Type: Article
Document Type: Magazine/Journal; Trade
Word Count: 2045

... of AmEx cards by fast-food operations continues to be the need to speed up **transaction - processing time**, House adds, noting 'that's an area we're working on.' And, as with everyday...

16/3,K/16 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

05521430 Supplier Number: 48368983 (USE FORMAT 7 FOR FULLTEXT)
Waiter.Com to Give Away Thousands of Free Meals!
PR Newswire, p0320SFF001A
March 20, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 459

... better."
"World Wrapps was very happy to partner with Waiter.Com, because of the obvious **time** and labor saving benefits to our customers and staff in **processing online orders**," said Will Weisman, Director of Marketing and Co-founder of restaurant chain World Wrapps, pioneer...

16/3,K/17 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

05180263 Supplier Number: 47905164 (USE FORMAT 7 FOR FULLTEXT)
Tandem NonStop Storage Management Software Automates Handling Massive Volumes of Data; Matches Storage Performance to Data Processing Performance of New Tandem S-Series NonStop Himalaya Servers.
Business Wire, p8120110
August 12, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 960

... sized disk farms.
NonStop Storage Management products are designed to automate the management of massive **amounts** of data, such as that associated with **enterprise data** warehousing decision support, and high-volume online **transaction processing**. These kinds of business-critical applications are well suited to Tandem's high-performance K...

16/3,K/18 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

05105252 Supplier Number: 47495018 (USE FORMAT 7 FOR FULLTEXT)
PAR Technology announces preliminary results for second quarter 1997.
Business Wire, p6301393
June 30, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 716

... we will be able to release an additional new solution in Q3 to a major **restaurant** chain, and restore profitability for the entire year. Our decision to take the write-offs at this **time** is evidence of our new commitment to our core **transaction processing** business. We are moving forward to advance our commercial Systems Integration businesses focused on the...

16/3,K/19 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2002 The Gale Group. All rts. reserv.

04011231 Supplier Number: 45826882 (USE FORMAT 7 FOR FULLTEXT)
MPP vs. SMP
Bank Systems + Technology, p31
Oct 1, 1995
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1710

... architecture depends on which type of application a bank wants the technology to support, the **amount** of data that will be accessed, the number of users accessing the system and the complexity of the **data** analysis. Where **enterprise** -wide **data** warehousing, involving massive **amounts** of data, lends itself to MPP, on-line **transaction processing** (OLTP) for a bank's ATM network, for example, performs better on SMP, says Dan...

16/3,K/20 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

10463256 SUPPLIER NUMBER: 21136191 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Personalized Service At Lower Cost -- Hotels And Restaurants Turn To Transaction Processing And Real Time Communications To Get A Strategic Edge. (Industry Trend or Event)
Davey, Tom
InformationWeek, n700, p173(1)
Sept 14, 1998
ISSN: 8750-6874 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 2097 LINE COUNT: 00170

Personalized Service At Lower Cost -- Hotels And Restaurants Turn To Transaction Processing And Real Time Communications To Get A Strategic Edge. (Industry Trend or Event)

... performs as she and other IT managers transform the restaurant and hospitality industries with real **time** communications and **transaction processing** . Reilly manages 140 IT employees who oversee the technology underpinnings of all Darden's **restaurants** .

Reilly and other IT managers who handle hospitality on a large scale are exploiting new...

16/3,K/21 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

09833210 SUPPLIER NUMBER: 18970795 (USE FORMAT 7 OR 9 FOR FULL TEXT)

How Ralston-Purina cut costs.

Gillis, Chris

American Shipper, v38, n10, p95(1)

Oct, 1996

ISSN: 0160-225X LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 999 LINE COUNT: 00087

... bills of lading and internal freight audit documents.

Today the entire process is automated. Shipment **information enters** Match Pay electronically via an interface from **order processing** and is automatically pre-rated using Base Rate.

Upon receipt of the freight bill, key **information is entered** and electronically matched to the rated shipment. Match Pay automatically compares the freight charge to the rated **amount** .

Hoover, the vacuum-cleaner manufacturer, implemented DSI's Preshipment Planning software a few years ago...

16/3,K/22 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

07896508 SUPPLIER NUMBER: 16947859 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Holiday to automate sales-and-catering operation. (Holiday Inns Inc.)

Worcester, Barbara A.

Hotel & Motel Management, v210, n8, p24(1)

May 8, 1995

ISSN: 0018-6082 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 551 LINE COUNT: 00047

... with good yield management."

In addition to creating bookings, the Delphi system seamlessly consolidates diaries, **forecast** books, banquet-event **orders** and word-**processing** documents. Once **data is entered** , it never has to be entered again.

"In our opinion, Delphi is the most comprehensive...

16/3,K/23 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

07797918 SUPPLIER NUMBER: 16790954 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Newmarket Software and Holiday Inn Worldwide company-owned and managed hotels announce multi-million dollar strategic partnership; relationship brings hospitality industry's leading sales and catering automation software to the world's single largest hotel brand.

Business Wire, p4101053
April 10, 1995
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 803 LINE COUNT: 00067

... of a salesperson's time. In addition to creating bookings, the system seamlessly consolidates diary, **forecast** book, banquet event **orders**, and word **processing** documents. Once **information** is **entered**, it never needs to be entered again.

"This deal is very important to us and...

16/3,K/24 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

07755614 SUPPLIER NUMBER: 16761541 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Atlantic Food Services, Inc. (Innovators of Merit 1995)
ID: The Voice of Foodservice Distribution, v31, n4, p62(1)
March, 1995
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 497 LINE COUNT: 00039

... were starting to flow," notes Mark Bloomquist, vice president of marketing. "It was incredible."

Once **entered**, all **data** was up-loaded from PCs onto Atlantic's AS400 mainframe system for **processing**, enabling the **purchasing** staff to attend the ComSource meeting armed with accurate order- **quantity** and delivery-date needs resulting from the show.

In addition, during the six-week promotion...

16/3,K/25 (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

07705256 SUPPLIER NUMBER: 16534215 (USE FORMAT 7 OR 9 FOR FULL TEXT)
INDUSTRY WATCHER MELLING JOINS DIGITAL AS VICE PRESIDENT, OPENVMS SYSTEMS BUSINESS
PR Newswire, p0222NE015
Feb 22, 1995
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 300 LINE COUNT: 00027

... been in frequent contact with many of our largest customers," commented Lipcon. "His strategic background, **forecasting** capabilities, special consulting expertise in the areas of open systems, mission-critical **transaction processing**, and the development of **enterprise information** architectures will be welcome in the OpenVMS business, the Systems Business Group, and the entire...

16/3,K/26 (Item 7 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

07478268 SUPPLIER NUMBER: 15589103 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Profits rise 27% for private-label card processor SPS. (SPS Transaction Services) (includes information on First Financial Management Corp.)
Barthel, Matt

American Banker, v159, n140, p12(1)

July 22, 1994

ISSN: 0002-7561

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 470

LINE COUNT: 00037

... 5 million in the second quarter of 1993 to 78.8 million during the same **period** in 1994. Volumes were led by growth in the specialty retail and **restaurant** industry segments.

First Financial Management Corp., a leading provider of credit card, check and debt...

16/3,K/27 (Item 8 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2002 The Gale Group. All rts. reserv.

07472125 SUPPLIER NUMBER: 15593506 (USE FORMAT 7 OR 9 FOR FULL TEXT)

SPS REPORTS 27 PERCENT INCREASE IN NET INCOME

PR Newswire, p0720NY014

July 20, 1994

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 440

LINE COUNT: 00049

... 5 million in the second quarter of 1993 to 78.8 million during the same **period** in 1994. Volumes were led by growth in the specialty retail and **restaurant** industry segments.

SPS Transaction Services, Inc., headquartered in Riverwoods, Illinois, is a leading third-party...

16/3,K/28 (Item 9 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2002 The Gale Group. All rts. reserv.

07226549 SUPPLIER NUMBER: 15139661 (USE FORMAT 7 OR 9 FOR FULL TEXT)

SPS TRANSACTIONS SERVICES REPORTS 23 PERCENT INCREASE IN NET INCOME

PR Newswire, p0418NE008

April 18, 1994

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 363

LINE COUNT: 00037

... 8 million in the first quarter of 1993 to 72.4 million during the same **period** in 1994. Volumes were led by growth in the petroleum and **restaurant** industry segments.

SPS Transaction Services, Inc., headquartered in Riverwoods, Ill., is a leading third-party...

16/3,K/29 (Item 10 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2002 The Gale Group. All rts. reserv.

05824027 SUPPLIER NUMBER: 12118977 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Buying a hamburger becomes even easier by phone; food orders streak through the matrix as faxes proliferate. (McDonalds's Operators Association of Southern California report widespread use of fax machines in stores throughout Southland)

Bricker, Suzanne

Los Angeles Business Journal, v14, n10, p44(1)

March 9, 1992

ISSN: 0194-2603 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 737 LINE COUNT: 00058

... fingertip, hand-held terminals, which allow mobility to servers working from table-to-table in **restaurants**, and a wide range of other hardware and software devices have reduced **order - processing time**, while providing inventory controls to reduce operating costs.

"Computer equipment gives the restaurant operator a...

16/3,K/30 (Item 11 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

04767143 SUPPLIER NUMBER: 08688082 (USE FORMAT 7 OR 9 FOR FULL TEXT)

IBM announcements: major new release of SQL/DS database system for DOS/VSE, VM claims many enhancements. (product announcement)

Computergram International, n1477, pCGI07270008

July 27, 1990

DOCUMENT TYPE: product announcement ISSN: 0268-716X LANGUAGE:

ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 922 LINE COUNT: 00076

TEXT:

...supports both production and interactive processing in the VSE and VM environments. It manages large **amounts** of data and allows interactive users to access information directly. SQL/DS Version 3 Release...

...Block capability of VM/SP Release 6, resulting in a reduction of the number of **input** -outputs for **data** loading, and for query and **transaction processing** that includes updates. With the new field procedures function, user-written procedures can alter the...

16/3,K/31 (Item 12 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

04600890 SUPPLIER NUMBER: 09099781 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Controls, power transmission equipment, automatic identification products.

(1990-91 Handbook and Directory)

Material Handling Engineering, v44, n13, pA117(4)

Annual, 1990

ISSN: 0025-5262 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 2141 LINE COUNT: 00173

... Weber Marking Systems (Arlington Heights, Illinois) supplied a system that greatly simplified the process.

The **order** receiving and **processing** department consists of two customer service representatives who **input** order **information** into the IBM System 36. Information, such as item number, product description, price, **quantity**, customer order number and bar code requirements, is loaded into the computer.

This existing data...

16/3,K/32 (Item 13 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

04160096 SUPPLIER NUMBER: 08270553 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Developing the process plan. (Computer-Assisted Manufacturing Planning and Control for Job Shops, part 3)
Diesslin, Rich; O'Connor, Fran
Modern Machine Shop, v62, n7, p98(9)
Dec, 1989
ISSN: 0026-8003 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2328 LINE COUNT: 00186

... computer and the automated tools available to them. The basic information which will link quote/ **order processing** data with process planning **data** has been **entered** into the system and has been validated. This information includes the part number, part description...

...customers. With data from quote/order processing, we also know delivery requirements by date and **quantity** . With this information in place, we can now look at automating the process planning function...

16/3,K/33 (Item 14 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

03323303 SUPPLIER NUMBER: 06122307 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Food purchasing technology.
Kasavana, Michael
Restaurant Business, v86, n17, p108(2)
Nov 20, 1987
ISSN: 0097-8043 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1198 LINE COUNT: 00101

... autodial modem functions without user intervention, enabling late night transmission of purchase orders for next **day processing** . Some sophisticated **purchase** order telecommunication links provide for two-way communication (duplex) between purveyor and property. This linkage...

16/3,K/34 (Item 15 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

03119308 SUPPLIER NUMBER: 04675194 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Colonel Sanders Technical Center: state of the art. (KFC Corp.)
Bain, Laurie
Restaurant Business, v86, p162(2)
Feb 10, 1987
ISSN: 0097-8043 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 905 LINE COUNT: 00076

... is equipped for the future when the point-of-sales system expands to include customer **transaction processing** , electronic **time** clocks, manager workstations, and computer-process controls on cooking equipment. KFC monitors these latest point...

16/3,K/35 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

02172110

Top credit card companies explore fast-food ties-ins

New York Times (National Edition) May 1, 1989 p. 25,30
ISSN: 0362-4331

... US spending and eating habits have made the use of credit cards at fast-food restaurants appear more attractive. A new device dramatically shortens the time needed to complete the steps involved in a charge transaction. The device almost instantaneously approves...

16/3,K/36 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

02202423 SUPPLIER NUMBER: 20956816 (USE FORMAT 7 OR 9 FOR FULL TEXT)

MD Foods.(Danish dairy giant MD Foods) (Product Information)

Computer Weekly, p34(1)

July 16, 1998

ISSN: 0010-4787 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 370 LINE COUNT: 00032

... means that MD Foods has tied together various steps in its operation, such as receiving forecasts, processing orders, production and distribution. "SAP allows us to enter data just once and integrate those Information flows," Jarvis says.

The success of MD Foods' new...

16/3,K/37 (Item 2 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

02094229 SUPPLIER NUMBER: 19698440 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Storage: Tandem NonStop Storage Management software automates handling massive volumes of data; Matches storage performance to data processing performance of new Tandem S-Series NonStop Himalaya Servers.(Product Announcement)

EDGE: Work-Group Computing Report, v8, p23(1)

August 18, 1997

DOCUMENT TYPE: Product Announcement LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 932 LINE COUNT: 00082

... sized disk farms.

NonStop Storage Management products are designed to automate the management of massive amounts of data, such as that associated with enterprise data warehousing decision support, and high-volume online transaction processing. These kinds of business-critical applications are well suited to Tandem's high-performance K...

16/3,K/38 (Item 3 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

02047317 SUPPLIER NUMBER: 19183865 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Data modeling for OLAP. (Technology Information)

McClanahan, David R.

Data Based Advisor, v15, n3, p66(5)

March, 1997

ISSN: 0740-5200 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3195 LINE COUNT: 00255

... must make the analysis easier, not more difficult.
OLAP databases

When compared to operational, Online Transaction Processing (OLTP) databases, there are important, fundamental differences in the way the data warehouse uses the **enterprise data**. OLAP databases primarily require read-only accesses to the database and are used to create...

...the warehouse data, and rarely access individual records. Access paths in OLAP processing are less **predictable** than in OLTP systems, but you can still pre-build much of the system's...

16/3,K/39 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

04041207 Supplier Number: 53405464 (USE FORMAT 7 FOR FULLTEXT)
HYPERION SOLUTIONS: Hyperion integrates Hyperion Essbase Olap server with Enterprise, Pillar and Tools.

M2 Presswire, pNA

Dec 15, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 883

... now integrated with Hyperion Pillar, the market-leading packaged analytic application for budgeting, planning and **forecasting**, and Hyperion Enterprise, the market-leading packaged analytic application for multi-source financial consolidation and...

...results. Customers can also use Hyperion Essbase to integrate data from Hyperion Pillar or Hyperion **Enterprise** with **information** from **Enterprise** Resource Planning (ERP) systems, data warehouses, **transaction processing** systems and external sources.

The integration will allow customers to leverage **information** from Hyperion **Enterprise**, Hyperion Pillar and external data sources with the performance, scalability and analytical power of Hyperion...

16/3,K/40 (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

03824237 Supplier Number: 48301109 (USE FORMAT 7 FOR FULLTEXT)
HYPERCOM: Hypercom unveils interactive, 'next generation' POS touch screen solution for retailers

M2 Presswire, pN/A

Feb 18, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 761

... intuitive touch screen that guides consumers through the payment process, and wireless communications for real- **time transaction processing** and authorization, ICE Portable allows consumers to quickly complete electronic payments at the point of...

16/3,K/41 (Item 3 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

03824234 Supplier Number: 48301106 (USE FORMAT 7 FOR FULLTEXT)
HYPERCOM: Hypercom introduces the payment industry's first interactive, wireless point-of-sale solution
M2 Presswire, pN/A
Feb 18, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 754

... intuitive touch screen that guides diners through the payment process, and wireless communications for real- **time transaction processing** and authorization, ICE Portable allows consumers to quickly complete electronic payments at the point of...

16/3,K/42 (Item 4 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

03529853 Supplier Number: 47292629 (USE FORMAT 7 FOR FULLTEXT)
EXPLOSIVE GROWTH IN EC PURCHASING MARKET 'I Have Never Seen Such a Competitive Marketplace'
Electronic Commerce News, v2, n15, pN/A
April 14, 1997
Language: English Record Type: Fulltext
Document Type: Newsletter; General
Word Count: 913

... the company's existing order entry system. Boelter's customers, a lot of which are **restaurants** that need to order glassware and kitchen supplies after **hours**, place their orders via the Web. Business customers have access to pre-agreed, custom pricing...

16/3,K/43 (Item 5 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

03282941 Supplier Number: 46740864 (USE FORMAT 7 FOR FULLTEXT)
HYPERCOM: Hypercom announces VisaNet certification of their new terminal, the T77
M2 Presswire, pN/A
Sept 26, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 405

... and printer, which prints at four-lines per second. This new capability reduces overall printing **time** by 50 percent. The T77 product operates on all current VisaNet/Hypercom software applications, including the Retail/ **Restaurant**, Hotel and Fine Dining applications. In addition, the T77 will be fully supported by the VisaNet Merchant Assistance Center located in Tempe, Ariz. "The T77's faster overall **transaction processing** and printing response **time** is a major benefit to the merchant. Combine that with the benefits of the feature...

16/3,K/44 (Item 6 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2002 The Gale Group. All rts. reserv.

02286051 Supplier Number: 44416215 (USE FORMAT 7 FOR FULLTEXT)

QuickForm Contracts

Law Office Technology Review, v3, n2-2, pN/A

Feb 4, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 902

... Modification, Professional Services, Hardware Purchase, Software Maintenance, Hardware Maintenance, System Maintenance, Software Marketing & Distribution, Data **Processing** and similar **transactions** .

As with most document assembly packages we've seen, QuickForm Contracts permits the user to **input data** such as names and **amounts** , and to make choices as to the length of warranties, the ownership of the resulting...

16/3,K/45 (Item 7 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2002 The Gale Group. All rts. reserv.

0119170 Supplier Number: 40845030 (USE FORMAT 7 FOR FULLTEXT)

A report that speaks for itself

Sensor Review, v9, n3, pN/A

July, 1989

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 518

... total market. 1987 sales were \$650 million. Important services in this area include financial services, **transaction processing** , telemarketing, and **entertainment** -related **information** services. Consumer users are already familiar with telephone audiotex services, which allow accessing of information...

...which increase traffic on the digital network are likely to exhibit strong growth over the **forecast** period. 1992 sales are expect to be \$2.4 billion. The greatest rate of growth...

...of voice messaging, which will surpass speech information as the largest market sector over the **forecast** period. 1987 sales were \$306 million, with 1992 sales projected at \$3.2 billion. It...

16/3,K/46 (Item 8 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2002 The Gale Group. All rts. reserv.

01109902 Supplier Number: 40809589 (USE FORMAT 7 FOR FULLTEXT)

Tetra Announces CIM Package

Automated Manufacturing Strategy, v10, n8, pN/A

June, 1989

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 715

... thus allowing automatic route substitution if required.

Material Requirements Planning recommendations can be based on **forecasts**, current production and sales **information input** directly from Sales **Order Processing**. It provides suggestion, analysis, adjustment and automatic creation, on screen, of works orders and purchase ...

16/3,K/47 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

25957854 (USE FORMAT 7 OR 9 FOR FULLTEXT)

The Bushmeat Crisis

PUBLIC AGENDA (GHANA) - AAGM

November 07, 2002

JOURNAL CODE: FPAG LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 4316

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... it comes to bushmeat marketing and processing.

The bushmeat trade has evolved over a long **period** of **time** and developed into an intricate network of hunters, wholesalers (queen mothers, middlemen), retailers (**restaurant** /chop bar operators) and consumers. Hunters kill the animals and either transport them long distances...

16/3,K/48 (Item 2 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

03743870 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Hyperion Solutions Integrates Hyperion Essbase OLAP Server With Hyperion Enterprise, Hyperion Pillar and Hyperion Tools

BUSINESS WIRE

December 14, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 898

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... results. Customers can also use Hyperion Essbase to integrate data from Hyperion Pillar or Hyperion **Enterprise** with **information** from **Enterprise** Resource Planning (ERP) systems, data warehouses, **transaction processing** systems and external sources.

Customers can now leverage **information** from Hyperion **Enterprise**, Hyperion Pillar and external data sources with the performance, scalability and analytical power of Hyperion...

16/3,K/49 (Item 3 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

02980251

Lynk Systems, Inc. Announces An Agreement with USTrust
PR NEWSWIRE

October 01, 1998

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 499

... million transactions a month. Lynk's customers include small to mid-sized merchants in retail, **restaurant**, grocery and lodging environments. The Company employs over 280 full **time** management and technical personnel from its 50,000 square foot headquarters in Atlanta, GA. Services...

16/3,K/50 (Item 4 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

02529475 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Hypercom Introduces Interactive 'Next Generation' Payment Processing Solutions in Australia

BUSINESS WIRE

August 17, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1041

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... intuitive, touch-screen that guides diners through the payment process, and wireless communications for real- **time transaction processing** and authorization, ICE Portable allows consumers to quickly complete electronic payments at the point-of...

16/3,K/51 (Item 5 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
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01715819 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Lynk Systems, Inc. and American Express Announce Agreement to Market Card Processing Services

PR NEWSWIRE

May 15, 1998 7:0

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 574

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... 5,000 locations nationwide. Lynk's customers include small to mid-sized merchants in retail, **restaurant**, grocery and lodging environments. The Company employs over 250 full **time** management and technical personnel from its 50,000 square foot headquarters in Atlanta, Ga. Services...

16/3,K/52 (Item 6 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2002 The Dialog Corp. All rts. reserv.

01305721 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Hypercom Introduces Interactive 'Next Generation' Payment Processing Solutions In Asia Pacific

BUSINESS WIRE

March 31, 1998 10:23
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1048

... intuitive, touch-screen that guides diners through the payment process, and wireless communications for real- time transaction processing and authorization, ICE Portable allows consumers to quickly complete electronic payments at the point-of...

16/3,K/53 (Item 1 from file: 476)
DIALOG(R)File 476:Financial Times Fulltext
(c) 2002 Financial Times Ltd. All rts. reserv.

0009081031 BOHGSACQFT
Survey - Quarterly Review of Personal Finance: When the chips are down, try beans: BUILDING A PORTFOLIO: Fed up of lacklustre returns, Kevin Goldstein-Jackson is considering taking a gamble on a new stock, the coffee company Langdons Foods
KEVIN GOLDSTEIN-JACKSON
Financial Times, Survey London Edition 1 ED, P 4
Saturday, July 19, 1997
DOCUMENT TYPE: Surveys; NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
Word Count: 1,116

...been successfully integrated with Langdons' business of blending, processing and selling coffee and tea to restaurants , hotels and other caterers and to delicatessen shops.

Langdons has changed its financial year from a calendar year basis to a May-April period. This means it will soon be reporting further...

16/3,K/54 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1000976 SFM034
Microsoft Announces Second Annual RAD Award Competition Honoring Top Solutions Using Microsoft Technology for Customer Benefit

DATE: September 30, 1996 09:07 EDT WORD COUNT: 1,070

...existing business processes. Examples of quantifiable benefits include increasing the speed of customer turnover in restaurants , reducing the time that customers spend at checkout, lowering employee training costs, freeing managers from paperwork and administrative...

Set	Items	Description
S1	6264	AU=(TANAKA H OR TANAKA, H? OR IGUCHI K? OR IGUCHI, K?)
S2	2349413	TRANSACT? OR ORDER? OR TRADING OR TRADE? OR PURCHAS? OR BUYING OR SELLING
S3	36373	(INPUT? OR IN()PUT???? OR ENTER? OR TYPING? OR KEYING) (2N)-(DATA? ? OR INFO OR INFORMATION)
S4	64580	RESTAURANT?
S5	2846730	TIME OR CALENDAR? OR DURATION OR PERIOD? OR DAY? ? OR WEEK-???? OR HOURS OR MINUTES OR HOLIDAY? OR SEASON? ?
S6	643071	QUANTIT? OR AMOUNT?
S7	2073128	USER? OR BUYER? OR CLIENT? OR CUSTOMER? OR CONSUMER? OR PERSON? ? OR INDIVIDUAL? OR MEMBER? ? OR MERCHANT? OR AGENT? OR TRADER? OR SELLER? OR PARTIES OR PARTY OR DEALER? OR RETAILER?
S8	15160	S2(2N)PROCESSING
S9	25	S8 AND S4
S10	12423	S7(2N)ORDER?
S11	27	S10 AND S3 AND S5
S12	52	S11 OR S9
S13	38	S12 NOT PY>1999
S14	38	S13 NOT PD=19990128:20021204
S15	34	RD (unique items)

?

File 256:SoftBase:Reviews,Companies&Prods. 82-2002/Nov
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(c) 2002 The HW Wilson Co.

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(c) 2002 Info. Today Inc.

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(c) 2002 The New York Times

File 475:Wall Street Journal Abs 1973-2002/Dec 03
(c) 2002 The New York Times

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 04
(c) 2002 The Gale Group

15/5/1 (Item 1 from file: 256)

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2002 Info.Sources Inc. All rts. reserv.

00113082 DOCUMENT TYPE: Review

PRODUCT NAMES: AutoID (834211)

TITLE: Automated data collection pays off

AUTHOR: Hoffman, Brad

SOURCE: Automatic ID News, v14 n11 p31(1) Oct 1998

ISSN: 0890-9760

HOME PAGE: <http://www.AutoIDNews.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Tracking all items delivered and picked up, as well as customer stops, orders, invoices, and manifests using paper-based methods is time-consuming and error-prone. An automated tracking mechanism will not only be more accurate, but can also catch and eliminate costly mistakes. Manual data collection and tracking processes are inefficient. For example, data manually obtained by someone in the field must be manually interpreted and keypunched into another system. Not only does this open the process up to error, it also takes extra time because of the need to enter in the information twice. An automated data collection system can eliminate these problems. These automated data collection systems not only capture and validate information immediately, but they also frequently include technology that permits the data to be wirelessly transmitted from any geographic location to a central site. This connectivity eliminates the need to re-key the data. A well-designed system will allow data to be captured on a portable device, transmitted in real time, received into a central computer system, and populated into a host computer application, all in under 30 seconds. Because there are no written orders, there is no opportunity for misinterpretation.

COMPANY NAME: Vendor Independent (999999)

DESCRIPTORS: AutoID; Data Acquisition; Order Fulfillment

REVISION DATE: 20020630

15/5/2 (Item 2 from file: 256)

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2002 Info.Sources Inc. All rts. reserv.

00111963 DOCUMENT TYPE: Review

PRODUCT NAMES: R/3 4.0 (366366)

TITLE: ERP user interfaces drive workers nuts

AUTHOR: Stedman, Craig

SOURCE: Computerworld, v32 n44 p1(2) Nov 2, 1998

ISSN: 0010-4841

HOME PAGE: <http://www.computerworld.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

SAP's projected R/3 4.0 could solve problems with the cumbersome interface of the current version of the enterprise resource planning (ERP) package, which has become a bugbear to many users. For instance, Hydro Agri North America's employees receive 45,000 orders in a month and a half, and have to use six separate R/3 screens to **enter** needed **data**. This task-intensive and **time**-consuming process required the company to hire more people, and even IT staff personnel in charge of monitoring the R/3 rollout had to take orders. No less than 10 other users of ERP applications report that end users also have sparred with R/3 and competing packages, which are not as suitable for individual needs as the internally developed systems that the ERP packages replaced. Hydro Agri's workers formerly had all their needed data fields on one screen, but many users also have had to change their business processes to more closely integrate with ERP applications; this requirement means another learning curve for workers. R/3 4.0 may be more versatile in allowing movement of data fields to one screen, but Hydro Agri also ran into complications with R/3 in its warehouses. The user interface was annoying to loading dock workers who enter chemicals' quantities, a situation that prompted Hydro Agri to develop its own, more efficient application as a front end.

COMPANY NAME: SAP America Inc (524697)
SPECIAL FEATURE: Charts
DESCRIPTORS: Agribusiness; Enterprise Resource Planning; Manufacturing;
Order Entry; **Order** Fulfillment; **User** Interfaces
REVISION DATE: 20020819

15/5/3 (Item 3 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)2002 Info.Sources Inc. All rts. reserv.

00110213 DOCUMENT TYPE: Review

PRODUCT NAMES: ImageMate Windows 95 & Windows NT (712353)

TITLE: **Dressed for Success**
AUTHOR: Garrett, Thomas
SOURCE: Inc., v20 n9 p29(2) Jul 1998SP
ISSN: 0162-8968
HOMEPAGE: <http://www.inc.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

ImageMate for Windows 95/NT from ImageWare Technologies is an application for clothing retailers that enables them to provide extremely personalized customer service by containing a database of searchable customer profiles with birthdays, professions, measurements, preferred colors, and a host of other personal information. An inventory-tracking function allows store owners to automatically tabulate salespeople's commissions based on **data input** at the point of sale. Digitized images can be stored in the database, automated office scheduling is generated whenever a salesperson inputs a request for tailoring or back-ordering, and daily **calendar** and tickler applications are created to notify staff of each **customer's order** status. The included word processor comes with many templates customized for apparel work, and built-in telemarketing functions include autodialing and prewritten scripts based on each customer's personalized information. Digital photographs integrated into ImageMate are taken of customers' purchases or even of when they wear various outfits, each stored

for instant recall the next **time** the customer enters the store, in order to best advise them on future sales.

COMPANY NAME: ImageWare Technologies (648621)
DESCRIPTORS: Apparel Industry; Graphics Tools; IBM PC & Compatibles; Image Processing; Point of Sale; Retailers; Windows; Windows NT/2000
REVISION DATE: 20000830

15/5/4 (Item 4 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00104145 DOCUMENT TYPE: Review

PRODUCT NAMES: SkuPLAN (443069); Schedulex (321427); Global Enterprise Manufacturing Management System (GEMMS) (473791); ESS System (515515)

TITLE: Backup in the Espresso Lane
AUTHOR: Aragon, Lawrence
SOURCE: PC Week, v14 n47 p91(4) Nov 10, 1997
ISSN: 0740-1604

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Starbucks' best-of-breed approach to providing for its supply chain operations is taking much longer than anticipated. After five years, the company only has five out of eight of the components of its system up and running. Problems with choosing the best-of-breed program over enterprise resource planning (ERP) solutions are several. First, it takes time to evaluate and set up a relationship with vendors. Integrating different software and new versions of software over time can prove difficult. Employees often leave over long periods of time as well, and projects are further delayed. The products Starbucks uses include HNC Software's SkuPLAN for forecasting, Numetrix's Schedule X for finite capacity scheduling, Oracle's GEMMS (Global Enterprise Manufacturing Management System), and Industri-Matematik's ESS System for **order processing**. Manugistics is providing a variety of planning solutions. Data warehousing, purchasing, warehouse, and distribution, and transportation planning products have not yet been chosen. Green Mountain Coffee Roasters used an ERP system from PeopleSoft and expects the project to be done in two years. Other vendors suggest using an ERP and then plug-in in best-of-breed solutions to augment it. Some suggest that Starbucks do this with Oracle's products.

COMPANY NAME: HNC Software Inc (500291); J D Edwards & Co (351989);
Oracle Corp (010740); Industri-Matematik Inc (586633)
SPECIAL FEATURE: Charts
DESCRIPTORS: Business Planning; Forecasting; Material Requirements Planning; Order Fulfillment; **Restaurants** ; Retailers
REVISION DATE: 20020630

15/5/5 (Item 5 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)2002 Info.Sources Inc. All rts. reserv.

00077114 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Windows NT Server (442674); Microsoft SQL Server (259748)

TITLE: Windows NT Server, SQL Server dish up a business solution for..

AUTHOR: Calvi, Dianne

SOURCE: Microsoft Developer Network News, v4 n2 p8(2) Mar/Apr 1995

HOME PAGE: <http://www.microsoft.com/msdn/news/devne>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

A company with 65 upscale **restaurants** and annual sales of \$150 million started a frequent dining program. The program initially used an outside contractor for processing. The **restaurant** sent hand-written forms via overnight mail to the fulfillment house, and the data was then manually entered into a minicomputer. There were numerous problems, transactions took too long to complete, and the **restaurant**'s toll-free number had no access to customer data. The club was completely redesigned using the Microsoft Windows NT Server operating system. NT Server provided the security, reliability, and speed of the minicomputer, and the same APIs were available for both client and server. Consequently, developers did not have to learn two separate sets of APIs. The company then deployed Microsoft SQL Server for **transaction processing**, running on a Compaq ProLiant Dual Pentium 90MHz machine. The new system enables members to get answers within seconds, and transactions are accurate and timely.

COMPANY NAME: Microsoft Corp (112127)

SPECIAL FEATURE: Charts Screen Layouts

DESCRIPTORS: Advertising; Client/server; Database Management; Database Servers; IBM PC & Compatibles; Network Servers; Network Software; Operating Systems; **Restaurants**; SQL Server; Windows NT/2000

REVISION DATE: 20000830

15/5/6 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

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6264846 INSPEC Abstract Number: B1999-07-6250G-033, C1999-07-7840-066

Title: GPS data collection for evaluation of animal-ecology interactions or cows in space

Author(s): Creager, G.J.; Bush, B.R.; Teel, P.D.; Maggio, R.C.

Author Affiliation: Agric. Exp. Station, Texas A&M Univ., College Station, TX, USA

Conference Title: GIS/LIS'96 Annual Conference and Exposition Proceedings p.368-74

Publisher: American Society for Photogrammetry & Remote Sensing, Bethesda, MD, USA

Publication Date: 1996 **Country of Publication:** USA xv+1284 pp.

Material Identity Number: XX-1996-03162

Conference Title: Proceedings of Geographic Information Systems/Land Information Systems

Conference Sponsor: American Congress on Surveying & Mapping; American Soc. for Photogrammetry & Remote Sensing; AM/FM Int.; Assoc. of American Geographers; Urban & Regional Inf. Syst. Assoc.; American Public Works Assoc

Conference Date: 19-21 Nov. 1996 **Conference Location:** Denver, CO, USA

Language: English **Document Type:** Conference Paper (PA)

Treatment: Applications (A); Practical (P)

Abstract: Animal tracking has posed a series of problems for land-use ecology datasets over the years. Although positional data has long been collected from discreet animals, precise georeferenced positioning has been difficult to come by for a large number of discreet **individuals**. In **order** to quantify cattle-tick populations and develop census procedures, a system was developed for data collection of differentially corrected Global Positioning System (GPS) data from a herd of animals at regular, frequent intervals over a **period** of **time**, and a set of data-handling routines reducing direct operator intervention, allowing evaluation of animal habits and dwell times within the environment. For diagnostic purposes, a real- **time** graphical display of the animals' various locations in the pastures was displayed using a shareware mapping utility, which also provided the data storage and archival mechanism. A Geographic Information System (GIS) of the area of interest was developed incorporating geomatic data (boundaries and contours), data derived from overhead imagery and field inventory. The **time**-tagged data from the cow archives were overlaid onto the GIS land data and evaluated. Primarily based on correlation of animal dwell times and vegetation mottes, areas of interest were identified and traps were deployed using precise GPS-based positioning techniques to inventory the tick population in the high-dwell areas, where cattle are most likely to acquire a tick load. Use of the GPS system with realtime and post-processed differential correction has allowed for the precise location of animal activities, and has facilitated development of the GIS and evaluation of the cattle-tick migration vectors to an extent not previously realized. Further, reduction of **data - input** operator interactions has improved the quality of the data we use. (5 Refs)

Subfile: B C

Descriptors: agriculture; dairying; ecology; geographic information systems; Global Positioning System

Identifiers: GPS data collection; animal-ecology interactions; cows in space; land-use ecology datasets; georeferenced positioning; cattle-tick populations; data-handling routines; real- **time** graphical display; shareware mapping utility; data storage and archival mechanism; geographic information system; **data - input** operator interactions

Class Codes: B6250G (Satellite communication systems); C7840 (Geography and cartography computing); C7860 (Agriculture, forestry and fisheries computing); C3310C (Control applications in agriculture); C1290B (Systems theory applications in natural resources and ecology)

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15/5/7 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

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6065117

Title: Personalized service at lower cost [hospitality and travel-services]

Author(s): Davey, T.

Journal: InformationWEEK no.700 p.173-4, 176-7

Publisher: CMP Media Inc,

Publication Date: 14 Sept. 1998 Country of Publication: USA

CODEN: INFWE4 ISSN: 8750-6874

SICI: 8750-6874(19980914)700L:173:PSLC;1-X

Material Identity Number: I819-98010

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: IT has become critical in running operations and gaining a competitive advantage for the InformationWeek 500 companies in the hospitality and travel-services sector, which includes some of the US's

largest **restaurant** and hotel chains. To gain a competitive edge hotels and **restaurants** are turning to **transaction processing** and real-time communications. (0 Refs)

Subfile: D

Descriptors: catering industry; data communication; hotel industry; information technology; **transaction processing**

Identifiers: travel-services; hospitality; information technology; **restaurant** chains; hotel chains; **transaction processing**; real-time communications

Class Codes: D2090 (Leisure industry, travel and transport)

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15/5/8 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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6022611 INSPEC Abstract Number: B9810-8110B-080, C9810-3395-009

Title: **Introduction of electric monitor and control techniques and home automation system**

Author(s): Yang Chen-Kwang; Chen Jia-Yuh; Ku Chen-Tzung

Author Affiliation: Taiwan Power Co., Taipei, Taiwan

Journal: Monthly Journal of Taipower's Engineering vol.596 p.62-76

Publisher: Taiwan Power Co. Power Res. Inst,

Publication Date: April 1998 Country of Publication: Taiwan

CODEN: TGYUFU ISSN: 0494-5468

SICI: 0494-5468(199804)596L:62:IEMC;1-C

Material Identity Number: D478-98006

Language: Chinese Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P)

Abstract: This report analyzes the differences between load management and home automation, and introduces some foreign monitor and control system and recorded meters adopted by Taipower. Although load management and home automation have similar effects on reducing power system peak load, they have different objectives. Load management is designed to manage customers' power use **time** and power consumption in order to improve the utilization of power, while by using technologies of electronics, communication and automation, home automation is designed to manage household operations in **order** to improve **customer** comfort, convenience, security and economy. Home automation is the development of electric monitoring and control techniques. They can offer good effects on load management to the electric utility and also expand a customer's service range including security, lighting and HVAC control, fire alarms, **information**, education, **entertainment** and bill payment. (10 Refs)

Subfile: B C

Descriptors: computerised monitoring; energy conservation; home automation; load management; power consumption; power system measurement

Identifiers: home automation system; load management; Taipower; energy consumption; power use **time**; customer comfort; household operations management; monitoring

Class Codes: B8110B (Power system management, operation and economics); B8500 (Power utilisation); B8150 (Power system measurement and metering); C3395 (Other applications of control); C7420 (Control engineering computing); C7410B (Power engineering computing); C3340H (Control of electric power systems); C7410H (Computerised instrumentation)

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15/5/9 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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5828651 INSPEC Abstract Number: C9803-7160-039

Title: Putting intranet and extranet at work in the virtual enterprise

Author(s): Bazzana, G.; Camozzi, M.; Fagnoni, E.; Filippi, R.; Piotti, M.; Poikulainen, P.; Primatesta, F.; Riva, A.

Author Affiliation: ONION Srl, Brescia, Italy

Conference Title: ICE'97. The 4th International Conference on Concurrent Enterprising. 'Concurrency for Competitiveness: Towards the Concurrent Enterprise in the Age of Electronic Commerce' p.327-37

Publisher: Univ. Nottingham, Nottingham, UK

Publication Date: 1997 Country of Publication: UK xiv+508 pp.

ISBN: 0 951 9759 6X Material Identity Number: XX97-02635

Conference Title: Proceedings of ICE '97 4th International Conference on Concurrent Enterprising

Conference Date: 8-10 Oct. 1997 Conference Location: Nottingham, UK

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A); General, Review (G)

Abstract: This paper focuses on the activities and the results of two ESPRIT Projects, namely EVENT (Effectiveness of the Virtual **Enterprise** through the **Information** Infrastructure), and ELEGANT (Electronic Commerce Pilot in the Garment Industry). These projects represent two instances of the application of the concept of virtual enterprise and show how intranets and extranets can be designed to support different business objectives through a similar approach to business process re-engineering and technology transfer. The former project has the aim of enhancing the marketing/commercial processes of a set of European SMEs in the pneumatic industry. The improvements are designed to increase the timeliness in **order** management, the **customer** satisfaction, and the operational effectiveness. The latter is intended to introduce electronic commerce techniques in two European SMEs in the garment industry. The introduction of these techniques is designed to help the manufacturer reduce the **time**-to-market, improve the logistics, and strengthen the "producer-trade-consumer" chain. This paper describes the impact of intranet and extranet on the business processes of the two virtual enterprises in question and provides an appraisal of the experiences matured, with strong emphasis on pragmatic feasibility and effectiveness of the solutions. (2 Refs)

Subfile: C

Descriptors: business data processing; concurrent engineering; information networks; marketing data processing; pneumatic systems; systems re-engineering; technology transfer; textile industry

Identifiers: intranet; extranet; ESPRIT Projects; EVENT; Effectiveness of the Virtual **Enterprise** through the **Information** Infrastructure; ELEGANT; Electronic Commerce Pilot in the Garment Industry; business process re-engineering; technology transfer; marketing; pneumatic industry; order management; customer satisfaction; operational effectiveness; timeliness

Class Codes: C7160 (Manufacturing and industrial administration); C7210 (Information services and centres); C7480 (Production engineering computing)

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15/5/10 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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5322930 INSPEC Abstract Number: C9608-7140-014

Title: A multimedia patient folder management system as an active tool supporting physician's activity

Author(s): Ferri, F.; Minarelli Della Valle, R.; Pisanelli, D.M.; Ricci, F.L.; Tittarelli, F.

Author Affiliation: Istituto di Studi sulla Ricerca e Documentazione Sci., CNR, Rome, Italy

Conference Title: Proceedings of the Twelfth IASTED International Conference Applied Informatics p.167-70

Editor(s): Hamza, M.H.

Publisher: IASTED, Anaheim, CA, USA

Publication Date: 1994 Country of Publication: USA 353 pp.

ISBN: 0 88986 190 0 Material Identity Number: XX95-01474

Conference Title: Proceedings of IASTED/ISMM Symposium. Applied Informatics

Conference Sponsor: IASTED; ISMM

Conference Date: 18-20 May 1994 Conference Location: Annecy, France

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: A patient folder management system should be the active supporting tool to the creation of the physician's belief about the patient's state of health, i.e. it has to be capable of retrieving and proposing the most appropriate and useful information to the user. Our target is to propose a new philosophy for a patient folder management system, capable of tailoring the information to the user's belief, goal and knowledge about medical data. An essential precondition is that the system must permanently store the information on **users** in **order** to be able to exploit them. In our prototype of multimedia patient folder management system the medical knowledge, the knowledge about user's way of working, goals, plans and strategies are integrated. In this way the system makes the user able to perform an intelligent consultation of the folder. The software prototype developed has two main features: (1) the user's capability to define his/her own patient folder model, by specifying which information has to be represented and how it must be structured; (2) a dynamic interface management offering the user during consultation the opportunity, if needed, of avoiding the rigid structure given to the information with the former structuring. In fact, during the **data input/output**, it is possible to exploit those medical data views structured during the model definition phase. If this is the case, the system builds up **run-time** a new set of views, having as a starting point the information selected by the user and the inferred user's requirements. This process can either be completely user-guided, i.e. the user selects, according to his/her own needs, all the information he/she wants the system to show, or a coupled system-user-guided interaction (obviously a user-model is needed). (6 Refs)

Subfile: C

Descriptors: medical expert systems; medical information systems; multimedia computing; patient care; user modelling

Identifiers: multimedia patient folder management system; active tool; physician activity; physician belief; patient health; medical data; user goal; user knowledge; intelligent consultation; software prototype; dynamic interface management; inferred user requirements; system-user-guided interaction; user-guided interaction

Class Codes: C7140 (Medical administration); C6130M (Multimedia); C6170K (Knowledge engineering techniques); C6180 (User interfaces); C7330 (Biology and medical computing)

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15/5/11 (Item 6 from file: 2)

DIALOG(R) File 2:INSPEC

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03899879 INSPEC Abstract Number: D91001602

Title: POS, EOS systems streamline scheduling, ordering chores

Journal: OEP Office Equipment & Products vol.20, no.151 p.30-1

Publication Date: April 1991 Country of Publication: Japan

CODEN: OEPRA4 ISSN: 0387-5245

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Improper scheduling can result in too few employees to serve customers during peak **hours** or in too many idle employees when business is slow. Both mistakes are costly, particularly in the retail industry, where managers are burdened with high overhead costs. Today's electronics market offers labor scheduling and electronic ordering systems that help alleviate problems in these areas. Labor scheduling programs (LSPs) make use of point-of-sale systems to determine what work must be done at a shop. Then the system creates an adequate plan for staffing and employee work-hour assignments. The LSP improves productivity and lowers personnel costs; it is part of the employee management functions in POS systems. Another system to save retail labour costs is the electronic ordering system (EOS). In such systems, the **retailer inputs the ordering data** in the computer terminal and these uses telephone lines to transmit the data to the wholesaler's computer. The wholesaler issues the statement of delivery purchase invoice. To install EOS systems, **retailers** need an **ordering** terminal, inventory tags and order books, a telephone and a modem or communication control system. (0 Refs)

Subfile: D

Descriptors: point of sale systems; retailing; scheduling

Identifiers: labour scheduling programs; POS; EOS systems; scheduling; retail industry; electronic ordering systems; point-of-sale systems; employee management functions; computer terminal; telephone lines; modem; communication control system

Class Codes: D2140 (Marketing, retailing and distribution)

15/5/12 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

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02778584 INSPEC Abstract Number: C87003593, D87000149

Title: Order processing simplified (POS)

Author(s): Banks, M.

Journal: Computer Solutions p.56-8

Publication Date: Oct. 1986 Country of Publication: UK

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: Point of sale computer systems are finding their way into many pubs and **restaurants**. Speed and ease of use are two benefits enjoyed by staff, while management is attracted by increased security and comprehensive business information. One such system is Unipos from Checkout Computers in Luton. The system is sufficiently flexible and powerful enough to cope with a range of establishments, from a small pub to a large hotel which is part of a chain. Checkout has a wide range of application software available to suit most requirements. These include bar billing, **restaurant** billing, stock control, hotel front desk management, and back-office accounting. (0 Refs)

Subfile: C D

Descriptors: hotel industry; leisure industry; point of sale systems; retail data processing

Identifiers: pubs; **restaurants**; Unipos; Checkout Computers; hotel; software; bar billing; **restaurant** billing; stock control; hotel front desk management; back-office accounting

Class Codes: C7180 (Retailing and distribution); C7185 (Other service

industries); D2090 (Leisure industry, travel and transport); D2140 (Marketing, retailing and distribution)

15/5/13 (Item 8 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

02358576 INSPEC Abstract Number: B85003110, C85003393, D84003137

Title: Basics of videotex

Author(s): Fraser, P.

Journal: Telephone Engineer and Management vol.88, no.15 p.88-90

Publication Date: 1 Aug. 1984 Country of Publication: USA

CODEN: TPEMAW ISSN: 0040-263X

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: Videotex is a full two-way information and **transaction processing** service utilizing text and graphics displays. The design of the computer database permits rapid retrieval of this information by the user. Access to the system can be through the standard telephone network, a packet-type switched network or two-way cable television. The system also is capable of customer billing. Videotex is made up of four parts: information providers, system operator (service); transmission media; and users. A multitude of information and services can be offered to a customer through a videotex network such as: news, sports, weather, games, recipes, **restaurant** guides and menus, leisure information, emergency information, stockmarket and financial reports, advertising, directories, electronic messaging, education, and teleshopping. Future videotex services will include telemonitoring such as energy management systems. Electronic messaging in the future may incorporate public surveys, referenda and consumer action evaluations. Enhanced computing applications via videotex will be used typically for bulk transfers of large volumes of information.

(0 Refs)

Subfile: B C D

Descriptors: information services; telecommunication networks; viewdata

Identifiers: two-way information service; media; text displays;

electronic messaging; electronic publishing; videotex; **transaction**

processing service; graphics displays; computer database; standard telephone network; packet-type switched network; two-way cable television; customer billing; information providers; system operator; transmission media; users; telemonitoring; bulk transfers

Class Codes: B6210K (Viewdata and teletext); C7210 (Information services and centres); D4090 (Viewdata and teletext)

15/5/14 (Item 9 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

02252595 INSPEC Abstract Number: C84024471

Title: City traffic simulation package and its utilization

Author(s): Elci, A.; Zambakoglu, A.

Author Affiliation: Dept. of Computer Engng., Middle East Tech. Univ., Ankara, Turkey

Journal: Simuletter vol.13, no.1-4 p.7-11

Publication Date: 1982 Country of Publication: USA

CODEN: SIMUD5 ISSN: 0197-5765

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The study introduces a special purpose simulation program

package developed for urban traffic network. The input of the package is data on roads, intersections, signalization lights, stops, traffic load and objective function parameters. Required changes to test differing management decisions can be made easily through keywords supplied and simulation may be repeated. A powerful user language designed and developed for use in **data input**, operation, and output is also an integral part of the package. Waiting times of vehicles, **time** and distance of trip, average speed, queue lengths and other statistical results are the output of the package. Such results can also be utilised automatically in evaluating a cost function declared by **user** in **order** to test various traffic management decisions. (23 Refs)

Subfile: C

Descriptors: civil engineering computing; town and country planning; transportation

Identifiers: transportation; town planning; civil engineering computing; simulation program; urban traffic network; roads; intersections; signalization lights; traffic; management decisions; user language; vehicles

Class Codes: C1290H (Transportation); C7440 (Civil and mechanical engineering)

15/5/15 (Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

00871334 INSPEC Abstract Number: C76005993

Title: Order input with terminal computers

Author(s): Schramm, H.

Journal: ADL-Nachrichten vol.20, no.94 p.42-3

Publication Date: Sept.-Oct. 1975 Country of Publication: West Germany

CODEN: ADLNAF ISSN: 0514-9061

Language: German Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P)

Abstract: Efficient handling of orders is essential in retail trade. The Migros cooperative, a grocery and **restaurant** combine in the Zurich area, has installed an **order processing** system after three years' preparation. 72 Nixdorf 720 terminals are connected using the dialled network to two Siemens 4004/45 main frame computers. (0 Refs)

Subfile: C

Descriptors: computer networks; distributive administrative data processing

Identifiers: terminal computers; retail trade; grocery; **restaurant**; **order processing** system; Nixdorf 720 terminals; dialled network; Siemens 4004/45 main frame computers; distributive administrative data processing

Class Codes: C7160 (Manufacturing and industry)

15/5/16 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

(c) 2002 ProQuest Info&Learning. All rts. reserv.

01248105 ORDER NO: AADMM-66072

DESIGN OF A CUSTODIAL APPLICATION GENERATOR FOR USE IN A CASE TOOL

Author: BUDIARDJO, EKO KUSWARDONO

Degree: M.SC.

Year: 1991

Corporate Source/Institution: THE UNIVERSITY OF NEW BRUNSWICK (CANADA) (0823)

Source: VOLUME 30/04 of MASTERS ABSTRACTS.

PAGE 1421. 117 PAGES

Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL; COMPUTER SCIENCE

Descriptor Codes: 0544; 0984

ISBN: 0-315-66072-4

The System Development Life Cycle (SDLC) is the fundamental concept behind software engineering. A CASE (Computer Aided Software Engineering) Tool is an application development environment which encompasses various tools, and is used in all phases of the SDLC. The tools integration is done by storing the development information in a common place, called the CASE repository.

Sequenced phases in the SDLC have some weakness. Tight and step-by-step processes in the SDLC result in a longer development **period**. Software development productivity improvement should be achieved so that a shortened **period** for each phase can be obtained. The productivity improvement solution is the goal of this thesis work.

Investigation of the use of a CASE Tool for data modeling using EER diagrams during the analysis phase shows that there are challenging opportunities to utilize the data model in the CASE repository. The use of a Custodial Application (CA), generated from the data model, is introduced in this work.

A CA is an application for creating, maintaining, and querying the **enterprise information** which is modeled in the EER diagrams. The CA is intended as (a) a facility for discussions between the software developer and the **users** in **order** to get **user** feedback for the applications that they develop; (b) a facility for verifying whether the data model has represented the **enterprise information** or not; (c) a starting point for the coding phase; (d) a final product if the user accepts the limitations of the custodial application.

15/5/17 (Item 2 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

(c) 2002 ProQuest Info&Learning. All rts. reserv.

01087042 ORDER NO: AADDX-86750

REAL TIME MRP WITH OPTIMISATION OF MANUFACTURING CAPACITY UTILISATION

Author: SINULINGGA, SUKARIA

Degree: PH.D.

Year: 1988

Corporate Source/Institution: COUNCIL FOR NATIONAL ACADEMIC AWARDS
(UNITED KINGDOM) (0935)

Source: VOLUME 50/09-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2964. 231 PAGES

Descriptors: BUSINESS ADMINISTRATION, GENERAL

Descriptor Codes: 0310

Available from UMI in association with The British Library.

The success of a manufacturing company in obtaining orders for its products from customers depends on the quality of service that the company provides. A manufacturing company, therefore, should be able to prepare a precise plan and to maintain its manufacturing facilities sufficiently flexible to enable it to offer to customers competitive prices and delivery dates and to deliver orders on the promised delivery dates.

The traditional MRP systems and the extended systems (MRP II), which were considered as being the way a manufacturing company should be controlled to enhance customer service, have been found to be difficult to operate so as to meet the above requirement. Amongst major problems facing operation of the systems are inaccuracy of **input data** and complexity of the systems.

This research aims at modelling a simplified MRP system which is

provided with a greater flexibility and a capability to maximize the use of manufacturing facilities, so that it can be used as a suitable production planning and control tool by a manufacturing company.

The proposed method is characterized by the way it develops the production programme. Instead of developing forecasted master production schedules, it operates with actual **customers ' orders** and stocked component replenishments which are processed on an order to order basis. When spare capacity is available, replenishment orders for some stocked component called "unfirm" orders, are loaded to the manufacturing facility in order to utilize the spare capacity. Hence, these components are loaded for manufacture a little earlier than is theoretically necessary, on the basis of capacity availability rather than normal replenishment requirement. This enhances the utilization of capacity and, enables shorter delivery dates to be provided for **customers ' orders** since some stock replenishment will no longer compete with **customers ' orders** for capacity requirement.

The system, however, allows unfirm orders to be off loaded, if necessary, to provide sufficient capacity for higher priority orders.

In order to demonstrate the potential of the proposed method, a simulation model is developed. By means of the simulation model, some important performance measures are statistically tested. The simulation shows that the proposed system is simple to operate and improves resource utilization.

15/5/18 (Item 3 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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1028635 ORDER NO: NOT AVAILABLE FROM UNIVERSITY MICROFILMS INT'L.
BIBLIOGRAPHIC AND TEXT-LINGUISTIC SCHEMATA IN THE USER-INTERMEDIARY INTERACTION

Author: ALLEN, BRYCE LAVERNE

Degree: PH.D.

Year: 1988

Corporate Source/Institution: THE UNIVERSITY OF WESTERN ONTARIO (CANADA)
(0784)

ADVISER. B. G. MICHELL

Source: VOLUME 49/09-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 2435.

Descriptors: LIBRARY SCIENCE

Descriptor Codes: 0399

Information systems require **input** from their **users** in **order** to perform information retrieval. In many systems, that input is provided by interaction between users and intermediaries. The way users understand and express their information needs may be affected by the cognitive structures (schemata) by which they have organized their knowledge of the search topic, or by the schemata introduced in the questions which intermediaries ask.

The bibliographic and text-linguistic schemata studied in this research are related to two ways of thinking about textual materials. The bibliographic schema leads to an emphasis on elements of bibliographic description: authors, titles, and subject keywords. The text-linguistic schema leads to an emphasis on the structural components of texts: in this case the Purpose, Methodology, Findings and Discussion found in scientific report articles.

The first experiment introduced these two schemata at the point of knowledge acquisition, and in the user-intermediary interaction. When presented through intermediary questions, the bibliographic schema led to short responses with small numbers of subject keywords, while the

text-linguistic schema led to long responses with large numbers of subject keywords. Open questions, which presented no specific schema, produced responses which were longer than responses to bibliographic questions but shorter than responses to text-linguistic questions. There was no evidence that the schema introduced at the **time** of knowledge acquisition had an effect on statements of information need.

The second experiment introduced the text-linguistic schema through questions posed on supplementary online search forms in a working information retrieval environment. Responses replicated the findings from the first experiment in terms of overall length of responses. In the case of one searcher, searches based on the information supplied in response to text-linguistic questions used significantly more words in the search expression, and achieved lower precision.

Questions posed by intermediaries introduce cognitive structures which affect the details contained in statements of information need presented by users of information systems. A schema based on text-linguistic categories can be useful in eliciting more details from users, but these additional details do not necessarily result in better information retrieval.

15/5/19 (Item 4 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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1011217 ORDER NO: AAD88-04423

AN AXISYMMETRIC LINEAR/HIGH-ORDER FINITE-ELEMENT FOR FILAMENT WOUND COMPOSITE STRUCTURES

Author: ROGERS, CRAIG A.

Degree: PH.D

Year: 1987

Corporate Source/Institution: VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY (0247)

Source: VOLUME 49/02-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 522. 205 PAGES

Descriptors: ENGINEERING, MECHANICAL

Descriptor Codes: 0548

The development of an axisymmetric linear by high-order finite element to model filament-wound structures is presented. The primary objective of this work was to develop a 'design code' to analyze filament wound spherical pressure vessels. In order to develop a design-oriented analysis capability which can produce accurate results rather quickly with reduced **input - data** requirements, the total number of system equations must be reduced. To accomplish this task, a linear by high-order element was formulated which uses a single high-order displacement field finite element to model the total thickness of an axisymmetric composite structure. The displacement order for the in-plane direction remains linear, while the transverse **order** is **user** selectable. Numerical integration for stiffnesses is evaluated with respect to varying material properties and lamina thicknesses in each individual element. Results from a computational economy study are presented showing potential **time** savings of 40 percent when compared to the conventional modeling scheme of using bi-linear elements. Actual test cases indicate that computation **time** savings may be as great as 55 percent when using linear by fourth-order elements and 45 percent when using linear by sixth-order elements. The accuracy of the element was evaluated by comparing the finite element results to elasticity solutions for isotropic, orthotropic, and filament-wound cylindrical pressure vessels. Most of the finite element results indicated a ± 3 percent maximum error of the stresses compared to the elasticity results. The new linear by high order element stress results were nominally within ± 2 percent of stresses calculated with conventional bi-linear elements.

Comparisons of finite element results for an actual filament-wound spherical pressure vessel showed that linear by third- or fourth-order elements may be adequate for preliminary design purposes while the higher-order elements generally correlated better with the conventional bi-linear elements. Also presented is an outline of the design code and sample results for spherically wound pressure vessels.

15/5/20 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00489587 98CW03-405

Food service duo takes orders online

Hoffman, Thomas

Computerworld , March 30, 1998 , v32 n13 p41-42, 2 Page(s)

ISSN: 0010-4841

Company Name: Instill

Product Name: E-store

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Focuses on the development by Mack Tilling and Ted Daley of Instill Corp., an electronic **order - processing** service designed to provide **restauranteurs** and their distributors a better way of routing orders than the traditional telephone- and paper-based techniques. Reports that clients used the Instill E-store system to process 97,000 purchase orders last year, worth \$180 million at a cost of \$2 to \$3 each. States that a consulting report has indicated that a deployment across the entire \$350 billion food services industry of electronic commerce systems could yield savings of \$6.6 billion per year on the purchase order process. Explains that E-store was build using Novell's AppBuilder, an object-oriented programming language for beginners, and says that Instill has over 1,000 clients in 27 states as well as Guam and Puerto Rico. Claims that Instill's success is based on Tilling and Daley's background in food services. Includes two photos.

Descriptors: Electronic Commerce; Food; Purchasing

Identifiers: E-store; Instill

15/5/21 (Item 2 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00472289 97CW09-207

Pizzeria Uno cuts slice from cost pie

Hoffman, Thomas

Computerworld , September 15, 1997 , v31 n37 p41-42, 2 Page(s)

ISSN: 0010-4841

Company Name: Uno **Restaurants**

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Reports that Uno **Restaurants** Corp. of Boston, MA, installed a \$300,000 decision-support system that enables its top executives and regional managers to micromanage the company's labor and materials costs more effectively and monitor the operations of its 156 outlets. Says it uses both an online analytical processing system and a multidimensional database system to track and report **restaurant** performance and to structure data in a variety of ways. States the company used eight full-time staffers and

two consultants to implement and customize its decision-support system.
Includes a photo. (dpm)

Descriptors: Decision Making; Software Tools; Data Base Management;
Online **Transaction Processing** ; Case Study; Database
Identifiers: Uno **Restaurants**

15/5/22 (Item 3 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00334138 93PX12-032

A simple BASIC menu system

Bruey, Alfred J

PCM , December 1, 1993 , v11 n6 p76-79, 4 Page(s)

ISSN: 0747-0460

Company Name: Alfred J. Bruey

Product Name: MENU.BAS

Languages: English

Document Type: Program Listing

BASIC program

Hardware/Software Compatibility: IBM PC Compatible

Geographic Location: United States

Presents a BASIC program listing for IBM PC compatibles called MENU.BAS, which illustrates a user-friendly menu system. Explains that the program addresses the problem of designing a computerized food-ordering system for a **restaurant** . MENU.BAS uses the four directional arrow keys, along with the HOME and END keys to handle all user functions. Notes that at any time the customer can see his order, and that the program was written for both beginning and intermediate-level programmers. Describes the usage of the PRINT USING statement, used for columnar printing; LOCATE, for cursor movement; and the INKEY\$ statement. Indicates several possible improvements to MENU.BAS, such as adding a print routine; allowing for more than one screenful of food items; and adding color to the screens. Details the functionality of each section of the program individually. This program is available on a separate disk. Includes one program listing and two screen displays. (jo)

Descriptors: Food; Basic; User Interface; Desktop Software; Online **Transaction Processing**

Identifiers: MENU.BAS; Alfred J. Bruey

15/5/23 (Item 1 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)
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09035239

Cafe de Coral defies slump as earnings surge20%

HONG KONG: CAFE DE CORAL'S PROFIT RISES 20%

South China Morning Post (XKT) 22 Dec 1998 p.b3

Language: ENGLISH

Fast food operator Cafe de Coral boosted first half profit by 20% to HK\$ 78.85mn by reducing rental cost and food expenses. The company's turnover increased 8.75% to HK\$ 1.15bn. It reported good performance for its fast food division with 33% rise in operating profit. This accounted for nearly 90% of the HK\$ 92.24mn group operating profit. But speciality **restaurants** such as Ah Yee Leng Tong and pizza chain Spaghetti House suffered from tourism downturn. The group opened 24 outlets in the past 6 months, including 12 Cafe de Coral outlets. It now owns 175 outlets. The company is

planning to **purchase** a meat **processing** firm in China.

COMPANY: CAFE DE CORAL

PRODUCT: Fast Food **Restaurants** (5812FF);

EVENT: Plant/Facilities/Equipment (44); Company Reports & Accounts (83);

COUNTRY: Hong Kong (9HON);

15/5/24 (Item 2 from file: 583)

DIALOG(R) File 583:Gale Group Globalbase(TM)

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06693624

Preise z geln Appetit auf Fisch

GERMANY: GERMANS' FISH PREFERENCES

Mannheimer Morgen (XHH) 24 Sep 1998 p.9

Language: GERMAN

According to the Fish Information Centre (FIZ) that has been set up in Frankfurt, 1.2mn tonnes of fish was consumed in Germany in 1997. Imports amounted to 1.7mn tonnes and exports 758,000 tonnes. Germany's fishing fleet landed 287,000 tonnes of fish. Germany's per capita consumption of fish rose from 14.6 kg to 14.9 kg in 1997. Portugal has the highest per capita consumption in Europe, at 58.8 kg per year, followed by Norway at 46.5 kg. 83% of fish consumed in Germany is sea fish. Canned and marinated fish account for close to one-third of total consumption, frozen fish 21%, crabs and crustacean 14%, fresh fish 13%, matjes herrings and similar products 5%, and fish salads 4%. Among the different fish species, herring is the most popular, at 25% of total consumption, followed by Alaska pollack at 23%. FIZ chairman Norbert Giesenbauer expects no marked increase in fish consumption in 1998. Retail prices of fish are forecast to continue to rise, after a 5% increase in 1997. Wholesale prices for fish such as cod, pollack, hake have risen by about 40% due to shortage of supply and increased demand. The German fishing and **processing trade**, including retailing and **restaurants**, generated a turnover of about DM 13bn in 1997.

PRODUCT: Fishing (0910); Fish Products & Processing (2090FP);

EVENT: Production Information (62); Commodity & Service Prices (72);

Sales & Consumption (65); Foreign Trade (64);

COUNTRY: Germany (4GER);

15/5/25 (Item 3 from file: 583)

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06595633

Shinsegae Foods to Streamline Distribution

SOUTH KOREA: SHINSEGAE OPENS FOOD WAREHOUSE

The Korea Economic Weekly (XBG) 02 Mar 1998 P.16

Language: ENGLISH

South Korea's Shinsegae Food Systems, Shinsegae Department Store's food supplying division, has opened a refrigerator warehouse, the Foods Distribution Centre, in Kwangju, Kyonggi province. The warehouse can handle 10,000 types of agricultural, fishery and livestock goods totalling 600,000 tons a year. It will mass purchase the primary goods from producers, sort, process and package them. It will then send them to Shinsegae-owned discount outlets, department stores and **restaurants**. The company expects the logistics centre to lessen the distribution steps of primary goods,

which normally needs six to seven steps. Hence, it will lower costs by up to 40% and also improve the freshness of the food. *

COMPANY: SHINSEGAE; SHINSEGAE FOOD SYSTEMS

PRODUCT: Wholesale Trade (5000); Fish Products & Processing (2090FP);
Meat Products (2010);

EVENT: Company Formation (12); Company Formation (14);

COUNTRY: South Korea (9SOK);

15/5/26 (Item 4 from file: 583)

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06510615

Breakaway suceess

SOUTH KOREA: AGGRESSIVE CHEIL JADANG

Asian Money & Finance (XCY) 26 Aug 1997 P.14

Language: ENGLISH

Cheil Jadang of South Korea, with the aim to generate sales of Won 28 tn by 2005, (its existing sales and net profit are US\$ 2 bn and US\$ 24 mn respectively), has a diversified portfolio of businesses ranging from movie-making (an 11% interest in Dreamworks SKG established by Steven Spielberg) to food businesses like **restaurants** and mineral water and cosmetics. The South Korean firm, which aims to be among one of the world's top five beverage firms, is in a US\$ 20 mn deal with Chang Ning Group to produce fruit juice, soft drinks and canned fruit, and it will build its overseas manufacturing base till 50% of its sales are generated from abroad. Vertical integration is the way of doing business at Cheil Jadang, which is into planting and raising crops, **processing** them and **selling** them domestically and in the movie-making business, it is the producer, merchandiser and distributor of Hollywood and Korean movies at its own cinemas, jointly built with Golden Harvest of Hong Kong and Village Roadshow of Australia.

COMPANY: VILLAGE ROADSHOW; GOLDEN HARVEST; CHANG NING GROUP; DREAMWORKS SKG; CHEIL JADANG

PRODUCT: Canned & Bottled Soft Drinks (2086); Food & Drink (2000);

EVENT: Plant/Facilities/Equipment (44);

COUNTRY: South Korea (9SOK);

15/5/27 (Item 5 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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06497139

Fast-Food-Fisch als gesunde ALternative

GERMANY: PLANS BY NORDSEE

Handelsblatt (HT) 21 Jul 1997 p.17

Language: GERMAN

Apax, the new owner of German Nordsee GmbH, sees new opportunities for the former Unilever subsidiary. The Nordsee **restaurant** sector is to position fast-food fish as a healthy alternative. A Nordsee drive-in **restaurant** is to be tested in Frankfurt from October 1997. If the concept turns out to be successful, 50 drive-ins are to be set up within the next 10 years. Nordsee is also to sell fish snacks in mobile stalls which can be run as one-man companies by franchise concept. The wholesale sector Deutsche See is to

enter large kitchen business. In this sector, Apax is to position itself as a systems seller.

COMPANY: DEUTSCHE SEE; APAX; UNILEVER; NORDSEE

PRODUCT: Fast Food **Restaurants** (5812FF); Restaurants & Food Service (5800); Retail Trade (5200); Fish Products & Processing (2090FP);

EVENT: Licences & Sales Agreements (38); Planning & Information (22); Marketing Procedures (24);

COUNTRY: Germany (4GER);

15/5/28 (Item 6 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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06400146

Schlumberger offers portable card terminal

UK: SCHLUMBERGER PORTABLE SMART CARD TERMINAL

Precision Marketing (ZCZ) 25 Nov 1996 p.2

Language: ENGLISH

A portable smart card payment terminal allowing **processing** of card **transactions** whatever the location of the cardholder has been introduced by Schlumberger Electronic Transactions, part of the US Schlumberger group. The system, designed to be compatible with nascent smart card banking, will be useful in bars, **restaurants** and showrooms.

COMPANY: SCHLUMBERGER ELECTRONIC TRANSACTIONS

PRODUCT: Debit Card Svcs (6020DC); Nonbank Credit Card Firms (6141); Smart Cards (3078SC); Computers & Auxiliary Equip (3573);

EVENT: Product Design & Development (33);

COUNTRY: United Kingdom (4UK);

15/5/29 (Item 7 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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06380248

KUpt'n Frings geht zur Brauns KG

GERMANY: FRINGS TO BRAUNS

Lebensmittel Zeitung (LZ) 11 Oct 1996 p.20

Language: GERMAN

German FischgaststUtten Brauns GmbH & Co KG has acquired by majority Bremerhaven-based smoked fish speciality company Lewin and fish wholesaler "KUpt'n Frings", Duisburg. The fish know-how of production, wholesaling and gastronomy is to be united under one roof.

COMPANY: KAPT'N FRINGS; LEWIN; FISCHGASTSTATTEN BRAUNS

PRODUCT: **Restaurants** & Food Service (5800); Wholesale Trade (5000); Fish Products & Processing (2090FP);

EVENT: Company Acquisitions (16); Planning & Information (22);

COUNTRY: Germany (4GER);

15/5/30 (Item 8 from file: 583)

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06301485

Guangnan lifts earnings 60pc

CHINA: GUANGNAN NET PROFIT AT HK\$117.08 BN

The HongKong Standard (XKR) 24 Apr 1996 FR p.3

Language: ENGLISH

China-backed Guangnan (Holdings) reported its net profits for the year ended December 31, 1995 as HK\$117.08 mn, 60.1% more than a year earlier's HK\$73.12 mn. RESULTS FOR THE YEAR ENDED DEC 1995 1995 1994 (HK) (HK) % change Turnover \$3.97 mn \$2.94 mn +35.05% Total earnings 24 cents - - per share Final Dividend 5.5 cents - - Gross Profit 5% 2.5% 100% Margin Guangnan is the sole authorised distributor of live and fresh foodstuffs from Guangdong province in Hong Kong. Its live and fresh foodstuff business accounts for 30% of the company's profit, marked 57.8% growth. The growth can be attributed to the expansion of direct distribution of foodstuffs to **restaurants** and supermarket chains. Its food production, **processing** and **trading** operation registered 91% increase in turnover and 100% rise in profit. It also accounts for 21% of the total turnover and 13% of profit. Its aquatic products and pig farms are expected to have good performance. Also, the company has formed a joint venture with Guangzhou Nanfang Dasha Co and Tienmei Supermarket Co to explore the supermarket business in the mainland. *

COMPANY: GUANGNAN (HOLDINGS); TIENMEI SUPERMARKET; GUANGZHOU NANFANG DASHA

PRODUCT: Wholesale Trade (5000); Food & Drink (2000);

EVENT: Market & Industry News (60); Company Reports & Accounts (83);

COUNTRY: China (9CHN);

15/5/31 (Item 9 from file: 583)

DIALOG(R) File 583:Gale Group Globalbase(TM)

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05970678

Olivier's buys new software

HONG KONG: OLIVIER NEEDS INTEGRATED SOFTWARE

The HongKong Standard (XKR) 12 Apr 1994 FinancialReview p.2

Language: ENGLISH

Scoa Olivier Asia, which operates under the name of Olivier in Hong Kong, has signed a HKD 1.5 mn contract with Systems Union Limited (SUL) for business software to help improve and standardise its Asian operations. The food and beverage group needs integrated software which can help handle accounting, sales **order** processing, inventory control and generate sales statistics. The SunSystems package from SUL will allow the company to process invoice, track stock levels and obtain accurate information in a swift and easy manner.

COMPANY: SUL; SYSTEMS UNION LIMITED; OLIVIER; SCOA OLIVIER ASIA

PRODUCT: **Restaurants** & Food Service (5800); Computer Software (7372);
Computer Services (7370);

EVENT: Company Formation (14);

COUNTRY: Southeast Asia (92T); Hong Kong (9HON);

15/5/32 (Item 10 from file: 583)

DIALOG(R) File 583:Gale Group Globalbase(TM)

(c) 2002 The Gale Group. All rts. reserv.

05964867

Metro a pris une part croissante d'un gateau qui diminuait

GERMANY: METRO'S STRATEGY

La Tribune Desfosses (TCD) 29 Mar 1994 p.16

Language: FRENCH

In an interview Joel Saveuse, the director of Metro's wholesale trade branch discussed the business. Metro is the leading European retailer, with a turnover of FFfr 272bn. The group's organisation has been modified in 1993. Mimag, the head holding company, has four branches and manages wholesale trade with the Metro brand. It represents 120 stores, including 51 in Germany. This operation is present in seven other countries. The cash and carry formula is highly targeted, but aims at many customers:

restaurants, independent food and non-food stores, craftsmen, and the liberal professions. The decline in small shops has impacted the market: over the years, Metro has gained a growing share in a shrinking market, to the detriment of standard wholesale trade. The company benefited from the growth in **restaurants**. In Germany, 51 warehouses were built. It may continue to build in the new lands. Metro is setting up a smaller version of cash and carry warehouses. The company has installed efficient data **processing** systems in **order** to improve its performance.

COMPANY: MIMAG; METRO

PRODUCT: Groceries & Rel Prods Whsle (5140);

EVENT: Planning & Information (22);

COUNTRY: Germany (4GER);

15/5/33 (Item 11 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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05212376

Nordsee-Gruppe mit hoeherem Umsatz

GERMANY - NORDSEE REPORTS GROWTH

Frankfurter Allgemeine Zeitung (FA) 23 July 1992 p13

Language: German

Nordsee Deutsche Hochseefischerei (Bremerhaven, Germany), fish **processing** and **trading** company, saw consolidated turnover rise to DM1.41 bil in 1991, vs DM1.27 bil in 1990. Profit from ordinary activities was down to DM49.8 mil in 1991, vs DM51 mil in 1990 and Nordsee transferred profit of DM25.5 mil to parent company Unilever-Konzern, vs DM26.2 mil in 1990. The number of fish stores increased to 159 in 1991, vs 156 in 1990 and the number of **restaurants** totalled 115 in 1991, vs 117 in 1990. Sales of deep frozen fish contributed DM500 mil to total turnover in 1991

COMPANY: NORDSEE DEUTSHE HOCHSEEFISCHEREI

PRODUCT: Fish Products & Processing (2090FP); Frozen Fish (2092FR);

EVENT: COMPANY REPORTS & ACCOUNTS - ANNUAL (83);

COUNTRY: Germany (4GER); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420);

15/5/34 (Item 12 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

(c) 2002 The Gale Group. All rts. reserv.

04282667

DPS ORDERS TRANSACTION TERMINALS

DENMARK - DPS ORDERS TRANSACTION TERMINALS

Communicationsweek International (CWI) 13 May 1991 p18

ISSN: 1042-6086

Danish Payment Systems (Denmark), banking and card **processing** group, has **ordered** 1k portable transaction terminals from Verifone's (Redwood City, CA) UK subsidiary. The terminals will be used to authorise purchases and to catch data on domestic and international charge and bank cards, including Dancard, Eurocard and Visa, by member hotels and **restaurants** in Denmark.

PRODUCT: Electronic Point of Sale Systems (3573EP);

EVENT: CONTRACTS & ORDERS (61);

COUNTRY: Denmark (4DEN); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420); Scandinavian Countries (512);

Set	Items	Description
S1	1667	AU=(TANAKA H? OR TANAKA, H? OR IGUCHI K? OR IGUCHI, K?)
S2	819764	TRANSACT? OR ORDER? OR TRADING OR TRADE? OR PURCHAS? OR BUYING OR SELLING
S3	89018	(INPUT? OR IN()PUT???? OR ENTER? OR TYPING? OR KEYING) (2N)-(DATA? ? OR INFO OR INFORMATION)
S4	474583	DISPLAY? OR OUTPUT? OR OUT()PUT
S5	953967	TIME OR CALENDAR? OR DURATION OR PERIOD? OR DAY? ? OR WEEK-???? OR HOURS OR MINUTES OR HOLIDAY? OR SEASON? ?
S6	12429	S2(2N)PROCESSING
S7	48	S6(S)RESTAURANT?
S8	123092	(STORE? OR STORING) (2N) (DATA? ? OR INFO OR INFORMATION)
S9	687	S6(S)S3
S10	7	S9(3S)RESTAURANT?
S11	8784	S5(2N) (PEAK OR OFFPEAK)
S12	13	S11(S)S6
S13	21	(S12 OR S7) AND IC=G06F-017/60
S14	27	S13 OR S10

? show files

File 348:EUROPEAN PATENTS 1978-2002/Nov W04

(c) 2002 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20021128,UT=20021114

(c) 2002 WIPO/Univentio

14/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2002 European Patent Office. All rts. reserv.

01455456

A method and system for purchasing goods
Verfahren und System zum Einkaufen von Waren
Methode et systeme pour l'achat de marchandises

PATENT ASSIGNEE:

Telefonaktiebolaget L M Ericsson (Publ), (213764), , 126 25 Stockholm,
(SE), (Applicant designated States: all)

INVENTOR:

Jensen, Michael Hejselbak, Hyancintvej 6, 9380 Vestbjerg, (DK)
Skagen, Anders, Kongshøjvej 10, 9210 Aalborg, (DK)
Stensballe, Jan, Hegedalsvej 11a, 9500 Hobro, (DK)

LEGAL REPRESENTATIVE:

Wittrup, Flemming et al (61491), Hofman-Bang Zacco A/S Hans Bekkevolds
Alle 7, 2900 Hellerup, (DK)

PATENT (CC, No, Kind, Date): EP 1246145 A2 021002 (Basic)

APPLICATION (CC, No, Date): EP 2001610071 010705;

PRIORITY (CC, No, Date): DK 202001005 010329; DK 822001005 010409

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G07F-019/00; **G06F-017/60** ; G07F-007/00

ABSTRACT WORD COUNT: 93

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200240	1340
SPEC A	(English)	200240	10917
Total word count - document A			12257
Total word count - document B			0
Total word count - documents A + B			12257

...INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION balanced later. Upon successful authorisation, in step 606, the transaction management system initiates the actual **processing** of the **order** , e.g. by sending a command or signal to the order management application OMS, or...

...is registered by the order management application. The order management application OMS controls the actual **processing** of the **order** , e.g. by informing operators which dishes to prepare or, in an automatic system, by...

14/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2002 European Patent Office. All rts. reserv.

01397142

System and method for providing consumer rewards
System und Verfahren für das Bereitstellen von Belohnungen an Konsumenten
Systeme et methode pour recompenser les consommateurs

PATENT ASSIGNEE:

Transmedia Network, Inc., (3399560), 11900 Biscayne Boulevard, Miami,
Florida 33181-9915, (US), (Applicant designated States: all)

INVENTOR:

Schmeyer, Frank F., 19710 Sawgrass Drive, Boca Raton, Florida 33434, (US)

LEGAL REPRESENTATIVE:

Hale, Peter et al (60281), Kilburn & Strode 20 Red Lion Street, London
WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 1182599 A1 020227 (Basic)

APPLICATION (CC, No, Date): EP 2001306375 010725;

PRIORITY (CC, No, Date): US 221468 P 000726; US 802082 010308

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 143

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200209	1166
SPEC A	(English)	200209	9998
Total word count - document A			11164
Total word count - document B			0
Total word count - documents A + B			11164

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION for providing consumer rewards.

While the invention is particularly described in the context of the
restaurant business, it is to be understood that this description is
exemplary only and is not...

...described in greater detail hereinafter, the subject system and method
generally functions by capturing and **processing** credit card
transactions originating from **restaurants** to thereby generate rebates
and rewards for member consumers. The system and method also maintains
member **restaurant** information, maintains member consumer information,
and maintains audit trails.

To become eligible to participate in...

14/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01267264

Service transaction information processing system

Informationsverarbeitungssystem für Service-Transaktionen

Système de traitement d'information pour transactions de service

PATENT ASSIGNEE:

TSUBASA SYSTEM CO. LTD., (2094582), 25-14, Kameido 2-chome, Koutou-ku,
Tokyo, (JP), (Applicant designated States: all)

INVENTOR:

Suzuki, Hiromi, Tsubasa System Co., Ltd., 25-14, Kameido 2-chome,
Koutou-ku, Tokyo, (JP)

LEGAL REPRESENTATIVE:

Modiano, Guido, Dr.-Ing. et al (40786), Modiano, Josif, Pisanty & Staub,

Baaderstrasse 3, 80469 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1093065 A2 010418 (Basic)
APPLICATION (CC, No, Date): EP 121368 001011;
PRIORITY (CC, No, Date): JP 99289856 991012
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G06F-017/60
ABSTRACT WORD COUNT: 215
NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200116	1441
SPEC A	(English)	200116	5069
Total word count - document A			6510
Total word count - document B			0
Total word count - documents A + B			6510

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION for other types of cars, e.g., the diesel car.

There has hitherto existed an **order processing** system in a **restaurant** etc where a service target is a customer, however, this system deals with such a...

14/3,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2002 European Patent Office. All rts. reserv.

00805919

Order management system

System zum Vewalten von Bestellungen

Systeme pour administrer des commandes

PATENT ASSIGNEE:

SEIKO EPSON CORPORATION, (730003), 4-1, Nishishinjuku 2-chome,
Shinjuku-ku Tokyo, (JP), (Proprietor designated states: all)

INVENTOR:

Kinebuchi, Tadashi, c/o Seiko Epson Corp., 3-3-5, Owa, Suwa-shi,
Nagano-ken, (JP)

Baba, Hiroyuki, c/o Seiko Epson Corp., 3-3-5, Owa, Suwa-shi, Nagano-ken,
(JP)

Konishi, Masanori, c/o Seiko Epson Corp., 3-3-5, Owa, Suwa-shi,
Nagano-ken, (JP)

Gomi, Akihiro, c/o Seiko Epson Corp., 3-3-5, Owa, Suwa-shi, Nagano-ken,
(JP)

LEGAL REPRESENTATIVE:

Hoffmann, Eckart, Dipl.-Ing. (5571), Patentanwalt, Bahnhofstrasse 103,
82166 Grafelfing, (DE)

PATENT (CC, No, Kind, Date): EP 749080 A2 961218 (Basic)
EP 749080 A3 971022
EP 749080 B1 000913

APPLICATION (CC, No, Date): EP 96109603 960614;

PRIORITY (CC, No, Date): JP 95150619 950616; JP 95192289 950727; JP
95269354 950922

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 107

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200037	1309
CLAIMS B	(German)	200037	1148
CLAIMS B	(French)	200037	1449
SPEC B	(English)	200037	10325
Total word count - document A			0
Total word count - document B			14231
Total word count - documents A + B			14231

INTERNATIONAL PATENT CLASS: G06F-017/60

14/3,K/5 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00805908

Terminal device

Eingabegerat

Dispositif terminal

PATENT ASSIGNEE:

SEIKO EPSON CORPORATION, (730008), 4-1, Nishi-Shinjuku 2-chome,
Shinjuku-ku, Tokyo, (JP), (Proprietor designated states: all)

INVENTOR:

Kinebuchi, Tadashi, c/o Seiko Epson Corp., 3-3-5, Owa, Suwa-shi,
Nagano-ken, (JP)

Baba, Hiroyuki, c/o Seiko Epson Corp., 3-3-5, Owa, Suwa-shi, Nagano-ken,
(JP)

Konishi, Masanori, c/o Seiko Epson Corp., 3-3-5, Owa, Suwa-shi,
Nagano-ken, (JP)

Gomi, Akihiro, c/o Seiko Epson Corp., 3-3-5, Owa, Suwa-shi, Nagano-ken,
(JP)

LEGAL REPRESENTATIVE:

Hoffmann, Eckart, Dipl.-Ing. (5571), Patentanwalt, Bahnhofstrasse 103,
82166 Grafelfing, (DE)

PATENT (CC, No, Kind, Date): EP 749079 A2 961218 (Basic)
EP 749079 A3 971029
EP 749079 B1 001011

APPLICATION (CC, No, Date): EP 96109586 960614;

PRIORITY (CC, No, Date): JP 95150619 950616; JP 95192289 950727; JP
95269354 950922

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 93

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200041	874
CLAIMS B	(German)	200041	774
CLAIMS B	(French)	200041	996
SPEC B	(English)	200041	8370
Total word count - document A			0

Total word count - document B 11014
Total word count - documents A + B 11014

INTERNATIONAL PATENT CLASS: G06F-017/60

14/3,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2002 European Patent Office. All rts. reserv.

00394075

Electronic cash register.

Elektronische Registrierkasse.

Caisse enregistreuse electronique.

PATENT ASSIGNEE:

SHARP KABUSHIKI KAISHA, (260710), 22-22 Nagaike-cho Abeno-ku, Osaka 545,
(JP), (applicant designated states: DE;GB;IT)

INVENTOR:

Yoshida, Eiji, 575, Kazu-cho, Kashihara-shi, Nara-ken, (JP)

LEGAL REPRESENTATIVE:

TER MEER - MULLER - STEINMEISTER & PARTNER (100061), Mauerkircherstrasse
45, D-81679 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 400653 A2 901205 (Basic)
EP 400653 A3 921209
EP 400653 B1 950726

APPLICATION (CC, No, Date): EP 90110378 900531;

PRIORITY (CC, No, Date): JP 89140124 890531

DESIGNATED STATES: DE; GB; IT

INTERNATIONAL PATENT CLASS: G07G-001/12;

ABSTRACT WORD COUNT: 262

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	484
CLAIMS B	(English)	EPAB95	534
CLAIMS B	(German)	EPAB95	463
CLAIMS B	(French)	EPAB95	582
SPEC A	(English)	EPABF1	2938
SPEC B	(English)	EPAB95	3078
Total word count - document A			3422
Total word count - document B			4657
Total word count - documents A + B			8079

...SPECIFICATION give convenience in use.

The invention provides an electronic cash register comprising:
input means for **entering** monetary transaction **information** for each
guest;

a first memory to store transaction information for each guest;
a second carries out a monetary **transaction processing** for a guest
by summing the transacted amount of money stored for the guest in...

...input keys to enter a code for identifying a guest, and item
registration keys to **enter** monetary transaction **information** ;
the control means stores monetary transaction **information entered** by
pressing the item registration key,
corresponding to a guest code entered into the first...

...the guest, and then clears the data stored in the first memory to finish
the **transaction processing** .

According to the invention, in particular, the electronic cash register

is provided with the second...

...the first specifying means is not operated for the guest. This state allows the transaction **information** from the **input** means to be additionally registered into the first memory. Termination of the transaction after such...

...total amount of money for each guest in the second memory.

Accordingly, for example, in **restaurants** and the like, when making a registration of its additional order after registration of a...

14/3,K/7 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00899532 **Image available**

METHODS AND APPARATUS FOR FORMULATION, INITIAL PUBLIC OR PRIVATE OFFERING,
AND SECONDARY MARKET TRADING OF RISK MANAGEMENT CONTRACTS
PROCEDES ET SYSTEME POUR LA FORMULATION DE PREMIERES OFFRES PUBLIQUES OU
PRIVEES ET LA NEGOCIATION DE MARCHE SECONDAIRE POUR DES CONTRATS DE
GESTION DE RISQUES

Patent Applicant/Assignee:

PARETO PARTNERS LTD, 7 Thistle, Portola Valley, CA 94028, US, US
(Residence), US (Nationality)

Inventor(s):

NAFEH John, 7 Thistle Road, Portola Valley, CA 94028, US,
YEE Kenton K, 180 Riverside Boulevard, Apt. 33F at Trump Place, New York,
NY 10069, US,

Legal Representative:

NIXON Dale B (et al) (agent), Suite 3400, 717 North Harwood, Dallas, TX
75201, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200233627 A2 20020425 (WO 0233627)

Application: WO 2001US32275 20011015 (PCT/WO US0132275)

Priority Application: US 2000240903 20001017; US 2001284051 20010416; US
2001923035 20010806

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 33670

Fulltext Availability:

Claims

Claim

... contract may be at the coupon holder's choice. For instance, a coupon for a **restaurant** meal, by design, may be redeemable anytime in February for any meal on the **restaurant** 's menu. A simple scenario follows to illustrate the value of such coupon ...housing developments. Coupons can also be created for any other standard event, including four star **restaurant** meals, hotel rooms, time share vacations, airline tickets, theatre and SuperBowl tickets, any sports

event...Example 2: Coupon for a McDonald's Meal
As part of its marketing strategy, McDonald's Restaurant issues a series of 15 coupons which are redeemable for a "Complete Meal" consisting...530 will provide compliance staff with view-only access to all current and historic transaction **data input** into the exchange by members, from order placement to message posting on the electronic bulletin...the Settlement Bank 694, and the Contract Expiration Manager 360 comprises an integrated system, the " **Order Management and Processing System 370 (ONTS)**." The OMPS 370 is the engine supporting the front end application and...the best outstanding bid and offer. Although all members will have access to this market **information** when they **enter** an order, this information may, of course, change between the time the member submits an...minimum fee set by the market authority based on the cost to market authority of **processing a trade**. The fee may be higher than the minimum fee based on the number of contract...

14/3,K/8 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00894468 **Image available**

APPLICATION-DRIVEN SCHEDULING SYSTEM AND METHOD

SYSTEME ET PROCEDE DE PROGRAMMATION PAR APPLICATION

Patent Applicant/Assignee:

i2 TECHNOLOGIES INC, 11701 Luna Road, Dallas, TX 75234, US, US

(Residence), US (Nationality)

Inventor(s):

ENGLISH Jason R, 4125 Sperry Street, Dallas, TX 75214, US,

Legal Representative:

KENNERLY Christopher W (agent), Baker Botts L.L.P., 2001 Ross Avenue, Suite 600, Dallas, TX 75201-2980, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200227619 A2-A3 20020404 (WO 0227619)

Application: WO 2001US30461 20010928 (PCT/WO US0130461)

Priority Application: US 2000675407 20000929

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EC EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6151

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... endeavor. For example, as described above, schedule 30 may relate to on-line or other **order** processing and fulfillment operations. More broadly, schedule -30 may relate to any suitable supply chain planning...

...associated with a specific job ticket. As yet another example, schedule

30 may allow a **restaurant** manager to readily identify overbookings, staffing shortages, and inventory shortages and respond accordingly. As still...

14/3,K/9 (Item 3 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00883020 **Image available**

AN INTERACTIVE ORDERING AND MANAGEMENT SYSTEM AND METHOD

SYSTEME ET PROCEDE INTERACTIFS DE COMMANDE ET DE GESTION

Patent Applicant/Assignee:

XERTS INTERNATIONAL LIMITED, Cedar Trust Company limited, Corner House,
20 Parliament Street, Hamilton HM12, BM, -- (Residence), --
(Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

SWIFT David, 5 Kyrenia Court, Warrandyte, VIC 3113, AU, AU (Residence),
NZ (Nationality), (Designated only for: US)

BETTELS-BLUME Patrick, 3 Donnelly Close, Sunbury, VIC 3429, AU, AU
(Residence), AU (Nationality), (Designated only for: US)

DOYLE Elissa, 13/400 Victoria Parade, East Melbourne, VIC 3002, AU, AU
(Residence), AU (Nationality), (Designated only for: US)

JOHNSON David, 6/478 Mitcham Road, Mitcham, VIC 3132, AU, AU (Residence),
AU (Nationality), (Designated only for: US)

Legal Representative:

LESICAR PERRIN (agent), 49 Wright Street, Adelaide, S.A. 5000, AU,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200217156 A1 20020228 (WO 0217156)

Application: WO 2001AU1069 20010827 (PCT/WO AU0101069)

Priority Application: AU 20009641 20000825; AU 20009642 20000825; AU
20009643 20000825

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13508

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... recorded.

Child Lock - The child lock serves two important functions. From the perspective of the **restaurant** operator it is important that the laws governing the serving of food and alcoholic drinks...

...need for any waiter to establish the status of the individuals at the table before **processing** an **order** . The child lock also serves as a control for parents, or responsible adults to control...

14/3,K/10 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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00876854 **Image available**

SYSTEM AND METHOD FOR TRANSPONDER-ENABLED ACCOUNT TRANSACTIONS
SYSTEME ET PROCEDE PERMETTANT DES TRANSACTIONS DE COMPTE ACTIVEES PAR
REPONDEUR

Patent Applicant/Assignee:

FIRST USA BANK N A, Three Christina Centre, 201 North Walnut Street,
Wilmington, DE 19801, US, US (Residence), US (Nationality)

Inventor(s):

RAU Scott W, 60 Hershey Drive, Pottstown, PA 19465, US,
BERTETTI Scott Philip, 1303 N. Bancroft Parkway, Wilmington, DE 19806, US

BEECHUM Gerald A Jr, 1130 S. Michigan Avenue, #2510, Chicago, IL 60605,
US,

Legal Representative:

SCOTT Thomas J Jr (et al) (agent), Hunton & Williams, 1900 K Street,
N.W., Washington, DC 20006, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200211019 A1 20020207 (WO 0211019)

Application: WO 2001US23030 20010723 (PCT/WO US0123030)

Priority Application: US 2000630595 20000801

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3273

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... 108 may be or include any of several commercially known electronic cash registers or related **transaction processing** equipment, such as point of sale terminals manufactured by Sharp Corp. or others. In one...

...device 108 to initiate and complete a purchase or other transaction, such as at a **restaurant** or grocery market checkout line, or other points of sale. In the embodiment illustrated in...outlet, communication delays may be minimal. Furthermore if the transaction server 116 is dedicated to **processing transactions** only at the site of point of sale device 108 or closely grouped facilities, processing...

...collect and temporarily store transactions, for instance over 2 or 3 hour periods, for batch **processing** remotely via **transaction** server 116. Since the majority of transactions typically reconcile without difficulty, this implementation permits more...

14/3,K/11 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00846219 **Image available**

SYSTEM AND METHOD FOR TRANSMITTING DATA TO A REMOTE DEVICE

**SYSTEME DOTE D'UNE CAPACITE DE LOCALISATION PAR GPS POUR L'INTERCONNEXION
DE DONNEES D'EMISSIONS SONORES DIFFUSEES PAR RADIO A DESTINATION D'UN
VEHICULE OU D'UN INDIVIDU ELOIGNE**

Patent Applicant/Assignee:

MEDIA ONLINE SERVICES INC, 225 Park Avenue South, 18th floor, New York,
NY 10003-1604, US, US (Residence), US (Nationality)

Inventor(s):

WOLZIEN Thomas R, 91 River Road, Grandview, NY 10980, US,

Legal Representative:

KENNEDY John T (et al) (agent), Dorsey & Whitney LLP, 370 Seventeenth
Street, Suite 4700, Denver, CO 80202, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200179876 A2-A3 20011025 (WO 0179876)

Application: WO 2001US12282 20010416 (PCT/WO US0112282)

Priority Application: US 2000197314 20000414; US 2000573620 20000517; US
2001834375 20010413

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 21074

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... information content, such as directions, users of such a system would
still encounter delays in **processing orders**, executing **transactions**
and receiving the goods/service presented in the programming content.
Users might be able to...

...for example, from a current location to an advertised retail
establishment (such as a McDonaldso **restaurant**) orily to find that
several other users, who listened to or otherw(inverted exclamation mark
...and establish a communications link with Pizza Hut's central order
processiner system. The central **order processing** system, which may be
contacted via the Internet or otherwise, utilizes the user supplied
positional information to determine the location of the nearest Pizza Hut
restaurant which can process the user's order by the estimated time the
user arrives. The...

...wait upon arrival at the nearest Pizza Hut). Once the user completes
ordering, the centralized **order processing** system suitably notifies
the local establishment of the order while also obtaining payment
information from...

...road conditions information, to determine the optimum route for the user
to travel to the **restaurant** location fulfilliner the custorner's order.

Upon arrival at the restaurant, the user's vehicle...

14/3,K/12 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00828016 **Image available**

METHOD AND SYSTEM FOR PROMPTING AN EMPLOYEE TO PERFORM A TASK
PROCEDE ET SYSTEME VISANT A SOLLICITER L'ACCOMPLISSEMENT D'UNE TACHE DE LA
PART D'UN EMPLOYE

Patent Applicant/Assignee:

WALKER DIGITAL LLC, Five High Ridge Park, Stamford, CT 06905, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

BEMER Keith, 570 E. 75th Street, #2E, New York, NY 10021, US, US
(Residence), US (Nationality), (Designated only for: US)
SAMMON Russel P, 619 Berkshire Drive, Pittsburgh, PA 15215, US, US
(Residence), US (Nationality), (Designated only for: US)
DOUGLAS David H, 10 McLaren Road South, Darien, CT 06820, US, US
(Residence), US (Nationality), (Designated only for: US)
MUELLER Raymond J, 89 Catbrier Road, Weston, CT 06883, US, US (Residence)
, US (Nationality), (Designated only for: US)
FINCHAM Magdalena, 3 Valley View Road, #24, Norwalk, CT 06851, US, US
(Residence), US (Nationality), (Designated only for: US)
GOLDEN Andrew P, 444 Bedford Street, New York, NY 06901, US, US
(Residence), US (Nationality), (Designated only for: US)
GELMAN Geoffrey M, 21 Belltown Road, Stamford, CT 06906, US, US
(Residence), US (Nationality), (Designated only for: US)
VAN LUCHENE Andrew S, 9 Greenwood Place, Norwalk, CT 06854, US, US
(Residence), US (Nationality), (Designated only for: US)
VOGEL Peter J, 17761 Cascade Drive, Eden Prairie, MN 55347, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

WALKER DIGITAL LLC (commercial rep.), c/o Steven M. Santisi, Five High
Ridge Park, Stamford, CT 06905, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200161552 A2 20010823 (WO 0161552)
Application: WO 2001US5667 20010215 (PCT/WO US0105667)
Priority Application: US 2000183272 20000217; US 2000579056 20000526

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 33138

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... For example, computer 22 may compare the number of POS terminals that are currently **processing transactions** with an optimum number of terminals that should be used to process the total transaction... transactions that are faster since the employee is likely to have more time available when **processing fast transactions**, or for less

profitable transactions since it is less costly to reassign employees who are...

...higher threshold values may be appropriate during a busy meal time at a quick-service **restaurant** than between

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meals to insure that employees will be assigned to perform at least...

...POS terminal to cause the employee operating that POS terminal to get his turn at **processing transactions**), and/or historical forecasting (e.g., a higher threshold value may be appropriate if a forecast based upon historical information indicates that a **restaurant** is likely to be busy on a particular day).

In one embodiment, a measurement of...

...certain situations, and/or may be usable even in situations where an employee is not **processing transactions** or is **processing transactions** that may not be easily measurable.

'After monitoring an employee's activity level using one...

14/3,K/13 (Item 7 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00824216 **Image available**

SYSTEM AND METHOD FOR OBTAINING IMPULSE TRANSACTION DATA

SYSTEME ET PROCEDURE PERMETTANT D'OBTENIR DES DONNEES DE TRANSACTION SPONTANEE

Patent Applicant/Assignee:

MINUSHKIN Jeffrey S, Apartment 25B, 875 N. Dearborn, Chicago, IL 60610,
US, US (Residence), US (Nationality)

Legal Representative:

SUMMERFIELD Craig A (agent), Brinks Hofer Gilson & Lion, P.O. Box 10087,
Chicago, IL 60610, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200157759 A1 20010809 (WO 0157759)

Application: WO 2001US2781 20010126 (PCT/WO US0102781)

Priority Application: US 2000496224 20000201

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 35798

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... radio. 1 5 The portable device may include components to assist in the consummation or **processing** of impulse **transactions**. For example, a

credit card, a smart card or a bar code reader may be...

...so that a transaction is completed without further entry by the user.
For example, a **restaurant** bill is paid electronically using a secure transmission, avoiding credit card fraud through the handling...

14/3,K/14 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00824215 **Image available**

SYSTEM AND METHOD FOR AN IMPULSE TRANSACTION USER DEVICE
SYSTEME ET PROCEDE DESTINE A UN DISPOSITIF UTILISATEUR DE TRANSACTIONS NON
PREMEDITEES

Patent Applicant/Inventor:

MINUSHKIN Jeffrey S, Apartment 25B, 875 N. Dearborn, Chicago, IL 60610,
US, US (Residence), US (Nationality)

Legal Representative:

SUMMERFIELD Craig A (agent), Brinks Hofer Gilson & Lione, P.O. Box 10087,
Chicago, IL 60610, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200157758 A1 20010809 (WO 0157758)

Application: WO 2001US2775 20010126 (PCT/WO US0102775)

Priority Application: US 2000495674 20000201

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 37598

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... television, or radio.

The portable device may include components to assist in the consummation or **processing** of impulse **transactions** . For example, a credit card, a smart card or a bar code reader may be...

...so that a transaction is completed without further entry by the user.
For example, a **restaurant** bill is paid electronically using a secure transmission, avoiding credit card fraud through the handling...

14/3,K/15 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00824214 **Image available**

SYSTEM AND METHOD FOR ELECTRONICALLY FACILITATING IMPULSE TRANSACTIONS
SYSTEME ET PROCEDE ELECTRONIQUES FACILITANT DES TRANSACTIONS PAR IMPULSION

Patent Applicant/Inventor:

MINUSHKIN Jeffrey S, Apartment 25B, 875 N. Dearborn, Chicago, IL 60610,
US, US (Residence), US (Nationality)

Legal Representative:

SUMMERFIELD Craig A (agent), Brinks Hofer Gilson & Lione, P.O. Box 10087,
Chicago, IL 60610, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200157757 A1 20010809 (WO 0157757)

Application: WO 2001US2769 20010126 (PCT/WO US0102769)

Priority Application: US 2000495727 20000201

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 38141

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... radio. 1 5 The portable device may include components to assist in the
consummation or **processing** of impulse **transactions** . For example, a
credit card, a smart card or a bar code reader may be...

...so that a transaction is completed without further entry by the user.
For example, a **restaurant** bill is paid electronically using a secure
transmission, avoiding credit card fraud through the handling...

14/3,K/16 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00806389

SCHEDULING AND PLANNING BEFORE AND PROACTIVE MANAGEMENT DURING MAINTENANCE
AND SERVICE IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT

PROGRAMMATION ET PLANIFICATION ANTICIPEE, ET GESTION PROACTIVE AU COURS DE
LA MAINTENANCE ET DE L'ENTRETIEN D'UN ENVIRONNEMENT DU TYPE CHAINE
D'APPROVISIONNEMENT RESEAUTE

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US

(Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Boulevard, Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,
2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139082 A2 20010531 (WO 0139082)

Application: WO 2000US32228 20001122 (PCT/WO US0032228)

Priority Application: US 99447625 19991122; US 99444889 19991122

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD

MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ
VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 152479

Fulltext Availability:

Detailed Description

Detailed Description

... use a software product on a single computer, i.e., to employ only one central **processing** unit (CPU) in connection with operation of the software product.

Although in any such licenses are...

14/3,K/17 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00806384

NETWORK AND LIFE CYCLE ASSET MANAGEMENT IN AN E-COMMERCE ENVIRONMENT AND
METHOD THEREOF

GESTION D'ACTIFS DURANT LE CYCLE DE VIE ET EN RESEAU DANS UN ENVIRONNEMENT
DE COMMERCE ELECTRONIQUE ET PROCEDE ASSOCIE

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US

(Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,

2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139030 A2 20010531 (WO 0139030)

Application: WO 2000US32324 20001122 (PCT/WO US0032324)

Priority Application: US 99444775 19991122; US 99447621 19991122

Designated States: AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK

DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR

TT UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 171499

Fulltext Availability:

Detailed Description

Detailed Description

... which are critical to the operation of the POS terminal must be supported for proper **transaction processing**.

With the increasing popularity of computer communications, many companies are becoming interested in advertising and...6402, a user is allowed to request to utilize a software package after which user **input** relating to the user is requested and received. See operation 6404 and 6406, respectively. Such...

14/3,K/18 (Item 12 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00806382

METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A MARKET SPACE INTERFACE

PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHÉ ENTRE UNE PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHÉ

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (et al) (agent), Oppenheimer Wolff & Donnelly LLP, 1400
Page Mill Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139028 A2 20010531 (WO 0139028)

Application: WO 2000US32308 20001122 (PCT/WO US0032308)

Priority Application: US 99444773 19991122; US 99444798 19991122

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 170977

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... in accordance with a preferred embodiment;

Figure 41 is a control flow diagram illustrating the **processing** of a received Network Call

Identifier in accordance with a preferred embodiment;

Figure 42...Framework in accordance with one embodiment of the present invention;

13

Figure 106 illustrates the **Order Processing** portion of the eCommerce Application Framework of the present invention;

Figure 107 illustrates a flowchart...

...the present invention;

Figure 108 depicts an example flow of business capabilities needed for complete **order**

processing on an eCommerce implementation;

Figure 109 illustrates a flowchart for a method for electronically serving...such as media conversion

Policy Management (Directory, Access control, Security)

Bandwidth Management (Transport and real **time** restoration)

The components for the "NGN @7 are described as individual functional

units but may...and translate customer requests and inquiries into appropriate "events" such as, the creation of an **order** or trouble ticket or the adjustment of a bill. This process logs customer contacts, directs...

14/3,K/19 (Item 13 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00788833 **Image available**

IDENTITY AUTHENTICATION SYSTEM AND METHOD

SYSTEME ET PROCEDE D'AUTHENTIFICATION D'IDENTITE

Patent Applicant/Inventor:

BLACK Gerald R, 30590 Southfield Road, Suite 160, Southfield, MI 48076,
US, US (Residence), US (Nationality)

Patent and Priority Information (Country, Number, Date):

Patent: WO 200122351 A1 20010329 (WO 0122351)

Application: WO 2000US19652 20000718 (PCT/WO US0019652)

Priority Application: US 99154590 19990917; US 99163433 19991103; US
2000177390 20000120; US 2000490687 20000124; US 2000535411 20000324; US
2000207892 20000525

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 15766

Fulltext Availability:

Claims

Claim

... sensors and gyroscopes. U.S. Patent No. 4,513,437 (Chainer et al.)
discloses

another **data input** stylus for signature authentication, which
includes

accelerometers and pressure sensors. U.S. Patent No. 5...

...form a composite

3

representative for comparison with information shown on a credit card for
processing of commercial **transactions**. Several trends are fueling the
demand for wireless Internet access: (a) The Internet has become...

histories as they make their rounds, using clipboard-like computers and
pens to access and **enter** patient **information** over a wireless network
from servers throughout the hospital.

7

Insurance claims adjusters can assess...biometric play at gaming tables, and biometric purchases on-site within the complex such as **restaurants**, lounges, boutique shops, and the like. A guest to register upon registration with the hotel...casino. The system enables a guest to make any on-site purchase, at a **restaurant**, lounge, boutique shop, or the like and access the balance for use in the complex...biometric access to a guest room, biometric purchases on-site within the complex such as **restaurants**, lounges, boutique shops, and the like, and biometric play of slot machines, biometric play at...

14/3,K/20 (Item 14 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00772919 **Image available**

AUTOMATIC WORK PROGRESS TRACKING AND OPTIMIZING ENGINE FOR A TELECOMMUNICATIONS CUSTOMER CARE AND BILLING SYSTEM

MOTEUR DE SUIVI ET D'OPTIMISATION D'ACTIVITE AUTOMATIQUE POUR UN SYSTEME DE SERVICE A LA CLIENTELE ET DE FACTURATION DE TELECOMMUNICATIONS

Patent Applicant/Assignee:

AMERICAN MANAGEMENT SYSTEMS INCORPORATED, 4050 Legato Road, Fairfax, VA 22033, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

WOLFINGER Charles, Markgrastrasse 60, D-40545 Dusseldorf, DE, DE (Residence), US (Nationality), (Designated only for: US)

SOTOLA Rene, 2357 Spotswood Place, Boulder, CO 80304, US, US (Residence), GB (Nationality), (Designated only for: US)

Legal Representative:

BECKERS J Randall, Staas & Halsey LLP, Suite 500, 700 Eleventh Street, N.W., Washington, DC 20001, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200106426 A1 20010125 (WO 0106426)

Application: WO 99US16442 19990726 (PCT/WO US9916442)

Priority Application: US 99354084 19990715

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV

MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG

US UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 10662

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... US99/16442

Page 25

There is also a CCM/OP Interface Server 115 (Customer Care/ **Order processing** interface server), shown in Figure 5, through which an order is sent from Customer Care to **Order Processing**

Third, the scheduling engine170 takes the template as input to

online optimization, checks on the...

...clean" workflow is input to
the offline system, which is typically run in the off- peak time
The workflow engine 185 is triggered by a user action, e g a
modification of...

...a new order, entered at PC client
system 1 00
Referring to figure 4, the Order Processing Application Server
1 0 1 1 0 also supports conditional evaluation 190 Conditional evaluation
190...

...The order is sent to the CCM/OP Interface Server 1 1 5 (Customer
Care/ Order processing interface server), shown in Figure 5 The main
application Server 1 1 0 shown in...

14/3,K/21 (Item 15 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00761437 **Image available**

METHOD AND APPARATUS FOR PROCESSING CREDIT CARD TRANSACTIONS
PROCEDE ET DISPOSITIF PERMETTANT DE TRAITER DES OPERATIONS EFFECTUEES PAR
CARTE DE CREDIT

Patent Applicant/Assignee:

WALKER DIGITAL LLC, Five High Ridge Park, Stamford, CT 06905, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

WALKER Jay S, 124 Spectacle Lane, Ridgefield, CT 06877, US, US
(Residence), US (Nationality), (Designated only for: US)

MIK Magdalena, 10 South Street, Greenwich, CT 06830, US, US (Residence),
US (Nationality), (Designated only for: US)

TULLEY Stephen C, 15 River Place, Stamford, CT 06907, US, US (Residence),
US (Nationality), (Designated only for: US)

TEDESCO Daniel E, Apt. 6, 192 Park Street, New Canaan, CT 06840, US, US
(Residence), US (Nationality), (Designated only for: US)

VAN LUCHENE Andrew S, 9 Greenwood Place, Norwalk, CT 06854, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

MASCHOFF Kurt M (et al) (agent), Intellectual Property Department, Walker
Digital Corporation, One High Ridge Park, Stamford, CT 06905-1325, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200074011 A2-A3 20001207 (WO 0074011)

Application: WO 2000US12007 20000428 (PCT/WO US0012007)

Priority Application: US 99316546 19990521

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 12956

Fulltext Availability:

Detailed Description

Detailed Description

... of the foregoing. Input/output device(s) 404 operate to allow a clearinghouse agent to **input information** to and output information from clearinghouse server 104, such as **transaction processing** information and the like.

Processor 402 is further operatively connected to communication port 408, which...

...to a different type of merchant. FIG. 5A represents data that a merchant operating a **restaurant** may store in inventory database 314. FIG. 5B represents data that a merchant operating, for...

14/3,K/22 (Item 16 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00752113 **Image available**

REMOTE ORDERING SYSTEM

SYSTEME DE PASSATION DE COMMANDE A DISTANCE

Patent Applicant/Assignee:

I3E HOLDINGS LLC, 5681 Cortina Drive, El Paso, TX 79912, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

SHOWGHI Robert S, 5681 Cortina Drive, El Paso, TX 79912, US, US
(Residence), US (Nationality), (Designated only for: US)

JUDS Scott, 11536 Riviera Place N.E., Seattle, WA 98125, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

GREENLEE David A (agent), P.O. Box 340557, Columbus, OH 43234-0557, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200065514 A2-A3 20001102 (WO 0065514)

Application: WO 2000US11337 20000427 (PCT/WO US0011337)

Priority Application: US 99131119 19990427

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5536

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... information and the seat delivery information. The items on the order are displayed on the **order - processing** computer 18 for fulfillment personnel. Thereafter, the order is filled and a delivery person delivers ...

14/3,K/23 (Item 17 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00736216 **Image available**

SYSTEM AND METHOD FOR PROCESSING FINANCIAL TRANSACTIONS
SYSTEME ET PROCEDE DE TRAITEMENT DE TRANSACTIONS FINANCIERES

Patent Applicant/Inventor:

GIORDANO Joseph A, 15344 Oakmere Place, Centreville, VA, US, US
(Residence), US (Nationality)

Legal Representative:

GARRETT Arthur S, Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.,
1300 I Street, N.W., Washington, DC 20005-3315, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200049551 A1 20000824 (WO 0049551)

Application: WO 2000US4163 20000218 (PCT/WO US0004163)

Priority Application: US 99120760 19990219

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14767

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... s online WEB site and

transmits the customer ID and the product information to the **transaction**

processing system. As in the case of the preferred embodiment, the
transaction processing system identifies the selected payment method
and transmits the authorization request to the appropriate payment...

...then delivered to the

customer's address. In addition to transmitting a transaction
authorization, the **transaction processing** system also may transmit
identification information and
other data unique to the associated customer in the absence of a retail
transaction. An additional embodiment of a **transaction processing**
system
includes a system capable of transmitting instructions to a vendor based
on receipt of...

...a customer's preferences with his or her customer ID. For example, a
fast food **restaurant** chain may choose to collect and store a
description of a
customer's favorite meal...

...when the customer transmits his ID to a
merchant transceiver located in the fast food **restaurant**, his favorite
meal is **ordered** and payment **processing** occurs, without the customer
uttering a single

To achieve these and other advantages, and in...

...purpose of the invention as embodied and broadly described, the invention provides a system for **processing** retail **transactions**. The system comprises a wireless customer transceiver preprogrammed with a unique customer/transmitter ID number ID and forwards it to an associated POS device. The POS device receives transaction **data** via an **input** device and combines the transaction data with the received ID signal from the reader to...

...enhance security. The POS device transmits the authorization request over a communications channel to the **transaction processing** system that includes a processor and a customer information database. The customer information database includes a plurality of customer entries with associated **transaction processing** attributes. The processor receives the authorization request, decrypts it (if necessary) and transmits it to...

...stores data derived from a transaction entry associated with the customer ID. In addition to **processing transactions**, the system facilitates the collection and analysis of comprehensive demographics and purchasing data for managing...

14/3,K/24 (Item 18 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00731976 **Image available**

VEHICLE-BASED ORDER ENTRY AND PROCESSING MECHANISM

MECANISME D'ENREGISTREMENT ET DE TRAITEMENT DE COMMANDES, INSTALLE DANS UN VEHICULE

Patent Applicant/Assignee:

INTERNATIONAL BUSINESS MACHINES CORPORATION, New Orchard Road, Armonk, NY 10504, US, US (Residence), US (Nationality)

Inventor(s):

BIGUS Joseph Phillip, 5113 Highgrove Lane N.W., Rochester, MN 55901, US

Legal Representative:

ROTH Steven W, IBM Corporation, Building 006-1, Dept. 917, 3605 Highway 52 North, Rochester, MN 55901-7829, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200045312 A1 20000803 (WO 0045312)

Application: WO 99US12187 19990601 (PCT/WO US9912187)

Priority Application: US 99238821 19990128

Designated States: CA JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 8402

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... currently represent the greatest degree of automobile-restaurant integration, present

solutions are extremely inefficient. The **order processing** used in today's drive-up window arrangements is basically the same as that used inside the fast food **restaurant** itself. Customers wait in line, determine what they want to order, and present their order...transmitted by Menu Processor 255, are received by Order Processing Thread 159 in block 500.

Order Processing Thread 159 parses the received MDML order document using XML parser 150 Jblock 5051. Menu...

...after menu transmission, or for some other reason. If an order is invalid Iblock 5201, **order Processing** Thread 159 transmits the rejection information to the appropriate Customer Device 200 fblock 5151. Note...
...a rejection notification is intended for their user. If an order is valid fblock 5201, **Order Processing** Thread 159 transmits the acceptance information in block 525. Again, the vehicle identification information is...
...acceptance information is processed by the correct Customer Device 200. After transmitting the acceptance information, **Order Processing** Thread 159 creates a vehicle description from the vehicle identification information included in the order (block 5301, displays the vehicle description along with the order to the **restaurant** staff fblock 5401 and terminates execution in block 535.

Figure 6 is a hierarchical diagram...

14/3,K/25 (Item 19 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00541104 **Image available**

A SYSTEM AND METHOD OF PROCESSING CREDIT CARD, E-COMMERCE, AND E-BUSINESS TRANSACTIONS WITHOUT THE MERCHANT INCURRING TRANSACTION PROCESSING FEES OR CHARGES WORLDWIDE

SYSTEME ET PROCEDE DE TRAITEMENT DE TRANSACTIONS PAR CARTE DE CREDIT, COMMERCE ELECTRONIQUE ET AFFAIRES ELECTRONIQUES SANS QUE LE COMMERCEANT N'ENCOURE DES FRAIS DE TRAITEMENT DE LA TRANSACTION OU DES CHARGES DANS LE MONDE ENTIER

Patent Applicant/Assignee:

USA TECHNOLOGIES INC,

Inventor(s):

KOLLS H Brock,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200004477 A1 20000127 (WO 0004477)

Application: WO 99US15938 19990714 (PCT/WO US9915938)

Priority Application: US 9893475 19980720; US 99293129 19990416; US 99293358 19990416; US 99334815 19990617

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 24516

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... result, many e-commerce transactions and e-business transactions can be subject to credit card **transaction processing** fees or charges. These ecommerce and e-business **transaction processing** fees can be similar to fees incurred by traditional, non-Internet based businesses such as retail stores, and **restaurants**, to name a few. **Transaction processing** fees can include a charge based on a percentage of the transaction value, and or a flat fee for **processing** each **transaction**.

As more goods and services become available to more potential customers by way of the...

14/3,K/26 (Item 20 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00541102 **Image available**

A METHOD OF TRANSACTING E-COMMERCE AND E-BUSINESS FROM A PUBLIC ACCESS PERVASIVE COMPUTING DEVICE

PROCEDE PERMETTANT D'EFFECTUER DES TRANSACTIONS PAR COMMERCE ELECTRONIQUE ET AFFAIRES ELECTRONIQUES A PARTIR D'UN DISPOSITIF DE CALCUL OUVERT A UN ACCES PUBLIC

Patent Applicant/Assignee:

USA TECHNOLOGIES INC,

Inventor(s):

KOLLS H Brock,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200004475 A1 20000127 (WO 0004475)

Application: WO 99US15922 19990715 (PCT/WO US9915922)

Priority Application: US 9893475 19980720; US 99293358 19990416; US

99293129 19990416; US 99335327 19990617; US 99334815 19990617

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU

TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG

CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 29734

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... Referring to Figure 25 there is shown a phone based e-commerce and e-business **transaction processing** routine 2300. In an exemplary embodiment routine 2300 allows a users to respond to an...

...500. As an example a system 500 could be displaying an advertisement for a local **restaurant**. A user could touch the advertisement and by way of keypad 540 the system 500 would respond by dialing the phone number of the **restaurant**.

The user could then speak to the restaurant host, inquire as to the wait time...

14/3,K/27 (Item 21 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00475562 **Image available**

**METHOD AND SYSTEM FOR THE UPDATE OF REMOTE DATA USING PERSISTENT KEYS
PROCEDE ET SYSTEME DE MISE A JOUR DE DONNEES A DISTANCE AU MOYEN DE CLES
PERMANENTES**

Patent Applicant/Assignee:

ACXIOM CORPORATION,

Inventor(s):

MORGAN Charles D,
McLAUGHLIN G Leigh,
FOGATA Marvin G,
BAKER Joy L,
COOK Joy E,
MOONEY James E,
ROLAND David B,
TALBURT John R,

Patent and Priority Information (Country, Number, Date):-

Patent: WO 9906914 A2 19990211

Application: WO 98US15066 19980721 (PCT/WO US9815066)

Priority Application: US 97902567 19970729

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD

MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ

VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH

CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW

ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 11743

...International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... database. OLAP (On-Line Analytical Processing)

applications, in contrast to the traditional OLTP (On-Line **Transaction Processing**) applications, are designed to access multidimensional databases rather than simple relational databases. A third-party...be used to determine in near real time whether couples without children eat at certain **restaurants** more often than couples with children, or which make and model of car is preferred...

interface management; inferred user requirements; system-user-guided interaction; user-guided interaction

Class Codes: C7140 (Medical administration); C6130M (Multimedia); C6170K (Knowledge engineering techniques); C6180 (User interfaces); C7330 (Biology and medical computing)

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15/5/11 (Item 6 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

03899879 INSPEC Abstract Number: D91001602

Best Available Copy

Title: POS, EOS systems streamline scheduling, ordering chores

Journal: OEP Office Equipment & Products vol.20, no.151 p.30-1

Publication Date: April 1991 Country of Publication: Japan

CODEN: OEPRA4 ISSN: 0387-5245

Language: English

Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Improper scheduling can result in too few employees to serve customers during peak hours or in too many idle employees when business is slow. Both mistakes are costly, particularly in the retail industry, where managers are burdened with high overhead costs. Today's electronics market offers labor scheduling and electronic ordering systems that help alleviate problems in these areas. Labor scheduling programs (LSPs) make use of point-of-sale systems to determine what work must be done at a shop. Then the system creates an adequate plan for staffing and employee work-hour assignments. The LSP improves productivity and lowers personnel costs; it is part of the employee management functions in POS systems. Another system to save retail labour costs is the electronic ordering system (EOS). In such systems, the retailer inputs the ordering data in the computer terminal and these uses telephone lines to transmit the data to the wholesaler's computer. The wholesaler issues the statement of delivery purchase invoice. To install EOS systems, retailers need an ordering terminal, inventory tags and order books, a telephone and a modem or communication control system. (0 Refs)

Subfile: D

Descriptors: point of sale systems; retailing; scheduling

Identifiers: labour scheduling programs; POS; EOS systems; scheduling; retail industry; electronic ordering systems; point-of-sale systems; employee management functions; computer terminal; telephone lines; modem; communication control system

Class Codes: D2140 (Marketing, retailing and distribution)

15/5/12

(Item 7 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

02778584 INSPEC Abstract Number: C87003593, D87000149

Title: Order processing simplified (POS)

Author(s): Banks, M.

Journal: Computer Solutions p.56-8

Publication Date: Oct. 1986 Country of Publication: UK

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: Point of sale computer systems are finding their way into many pubs and restaurants. Speed and ease of use are two benefits enjoyed by staff, while management is attracted by increased security and comprehensive business information. One such system is Unipos from Checkout Computers in Luton. The system is sufficiently flexible and powerful enough to cope with a range of establishments, from a small pub to a large hotel which is part of a chain. Checkout has a wide range of application software available to suit most requirements. These include bar billing, restaurant billing, stock control, hotel front desk management, and back-office accounting. (0 Refs)

Subfile: C D

Descriptors: hotel industry; leisure industry; point of sale systems; retail data processing

Identifiers: pubs; restaurants; Unipos; Checkout Computers; hotel; software; bar billing; restaurant billing; stock control; hotel front desk management; back-office accounting

Class Codes: C7180 (Retailing and distribution); C7185 (Other service

correspondence with code amount prediction values by the individual color components. Thus, the encoding processing can be executed within prescribed processing time and within the prescribed code amount without damaging the quality of the picture.

24/5/23 (Item 23 from file: 347)

DIALOG(R)File 347:JAPIO

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03169162 **Image available**
ORDER ENTRY SYSTEM

PUB. NO.: 02-144662 [JP 2144662 A]

PUBLISHED: June 04, 1990 (19900604)

INVENTOR(s): YOSHIDA HIDEKAZU

KAWAMURA MASAHIRO

OGURA MASANARI

OHARA AKIO

ISHIZUKA SADA0

SATO AKIHIRO

KIMURA YUKINORI

SUZUKI FUMIO

OGUCHI TOMOYUKI

APPLICANT(s): KANEBO LTD [000095] (A Japanese Company or Corporation), JP
(Japan)

NIPPON TEREMEDEIA SERVICE KK [000000] (A Japanese Company or Corporation), JP (Japan)

FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)

APPL. NO.: 63-297756 [JP 88297756]

FILED: November 25, 1988 (19881125)

INTL CLASS: [5] G06F-015/21; G06F-015/21

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

JAPIO KEYWORD: R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers)

JOURNAL: Section: P, Section No. 1094, Vol. 14, No. 385, Pg. 96,
August 20, 1990 (19900820)

ABSTRACT

PURPOSE: To simplify the ordering work of a shop side by referring a

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Rest Available Copy

preceding sales register and a current sales register stored in a center, forecasting the reference quantity of ordering in the succeeding ordering period, answering the forecasted quantity to respective shops and determining the quantity of order based upon OK or correction information.

CONSTITUTION: A sales processing part 4 registers sales data informed from respective shops in the current sales register 8 and a sales forecasting processing part 5 refers the current sales register 8, the preceding sales register 9 and a commodity similar table 10 to forecast the reference ordering quantity of the succeeding ordering period. An order processing part 6 determines the reference order quantity or the order quantity obtained by correcting the reference one as the order quantity of the succeeding ordering period based upon the OK or correction information corresponding to the answer of the reference ordering quantity to respective shops and stores the determined results in an ordering master 11. Thus, the ordering work of the shop side can be simplified.

24/5/24 (Item 24 from file: 347)
DIALOG(R)File 347:JAPIO
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02806173 **Image available**
AUTOMATIC TELLER MACHINE

PUB. NO.: 01-103773 [JP 1103773 A]
PUBLISHED: April 20, 1989 (19890420)
INVENTOR(s): SAITOU IWANORI
APPLICANT(s): HITACHI LTD (000510) (A Japanese Company of Osaka, Japan)

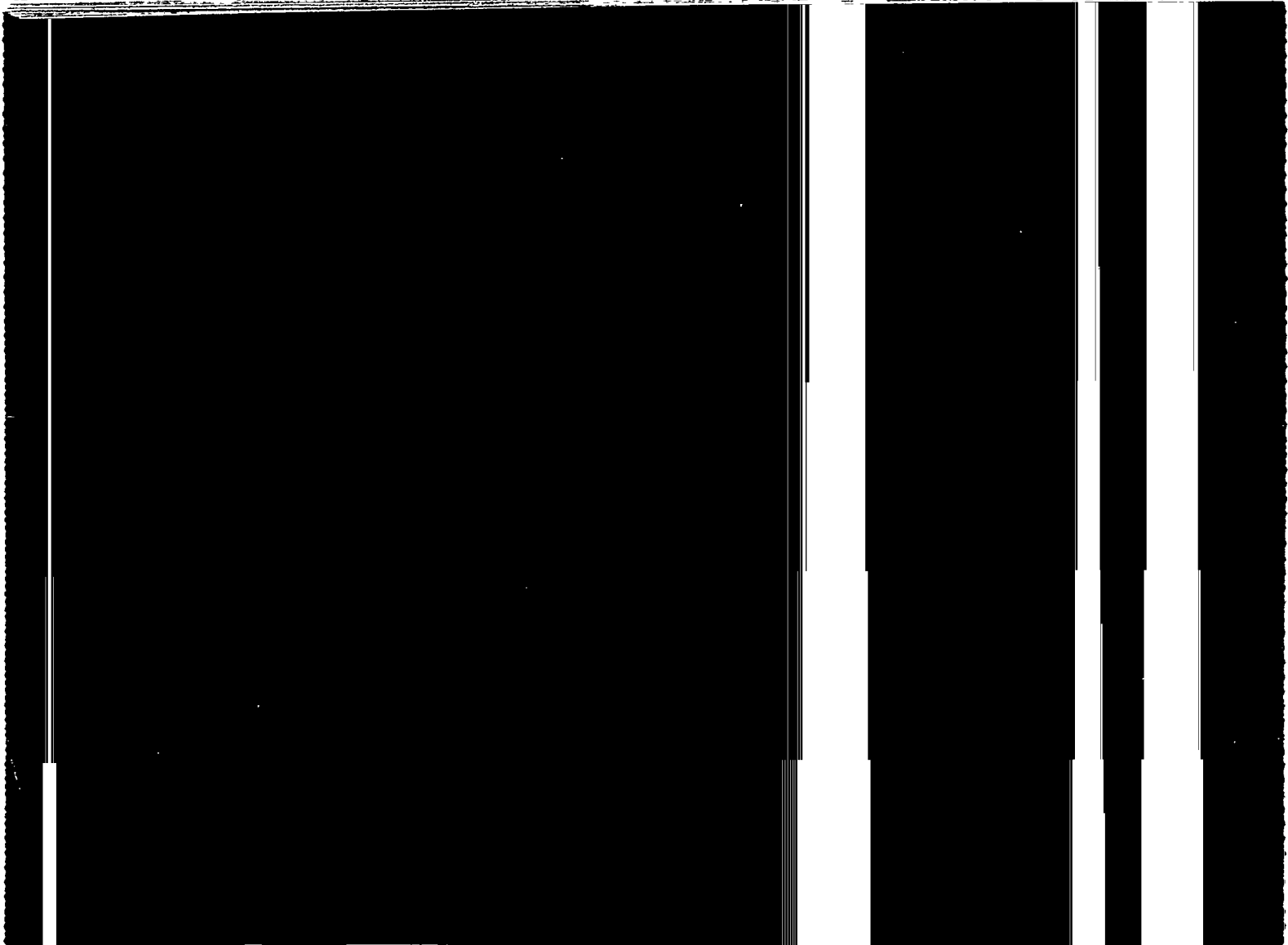
Best Available Copy

of merchandise purchase information and providing a means which notifies a created list to the other party, etc.

SOLUTION: This device receives merchandise purchase information from a user terminal 101. A purchase merchandise information processing part 111 retrieves a sale merchandise information storing device 122 with a merchandise name of received merchandise purchase information as a key and creates a list of merchandise on which the sale condition and purchase condition of a merchandise coincide. When there is merchandise that meets a condition, the merchandise list that is created is sent to the terminal 101. A user inputs the number of merchandise from the displayed merchandise list. When merchandise is selected, merchandise information and registrant information about the selected merchandise are sent based on the registration number of the merchandise, and purchaser's information is sent to the registrant of the selected merchandise by mail.

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24/5/15 (Item 15 from file: 347)
DIALOG(R)File 347:JAPIO
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05256762 **Image available**
ORDERING MANAGEMENT SYSTEM FOR COMMODITIES OF WIDE VARIETY

PUB. NO.: 08-212262 [JP 8212262 A]
PUBLISHED: August 20, 1996 (19960820)
INVENTOR(s): WATANABE MINAMI
SUZUKI YASUYO
YAMANE SHINJI
ENDO SETSUO
IGARASHI HIROSHI
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)
BUANDOOMU YAMADA KK [000000] (A Japanese Company or
Corporation), JP (Japan)
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INTL CLASS: [6] G06F-017/60; G06F-017/00
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

ABSTRACT

PURPOSE: To take the feature of individual commodity into consideration and to realize strict ordering management in an ordering management system for commodities of wide variety such as accessories to the body and dresses.

CONSTITUTION: The ordering management system for commodities of wide variety, which receives sales data for the respective commodities from plural terminal equipments 101 and executes the **ordering processing** of the respective commodities based on sales data is provided with an accumulation means 111 accumulating information on sales quantity for the respective commodities and attribute information showing the features of the respective commodities, a prediction means 112 **predicting** the sales **quantity** of a newly supplied commodities that are newly supplied based on information on the commodities of the former year which is accumulated by the accumulation means 111, and an ordering means 113 adjusting the ordering quantity of the respective commodities based on a prediction result by the prediction means 112.

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DIALOG(R) File 347:JAPIO
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05140760 **Image available**
COMMODITY SALES REGISTERING DATA PROCESSOR

PUB. NO.: 08-096260 [JP 8096260 A]
PUBLISHED: April 12, 1996 (19960412)
INVENTOR(s): HIRATA KOJI
APPLICANT(s): TEC CORP [000356] (A Japanese Company or Corporation), JP
(Japan)
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JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.4
(INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD: R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers);
R131 (INFORMATION PROCESSING -- Microcomputers &
Microprocessors)

ABSTRACT

PURPOSE: To provide a commodity sales registering data processor capable of